



Understanding UN3373 Sample Transport Compliance Regulations

Find out how to package and transport biological samples safely and in accordance with the UN3373 regulations.

- Supporting Category B Sample Transport Compliance
- Helping Meet Your Obligations for Safe Road (ADR) and Air (IATA) Transport
- Convenient, Time-Saving and Cost-Effective Packaging Solutions to Ensure Your Compliance to the Legal Requirements
- A Range of Options for Primary, Secondary and Outer Packaging



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Introduction

Whether for medical diagnostic purposes, clinical trials or research, collecting, storing and transporting patient and other biologically hazardous samples safely from their source to the laboratory can be problematic.

Biological specimens fall under the Dangerous Goods Regulations since they may contain pathogens. Their transport is strictly controlled and it is a legal and mandatory requirement to comply with the regulations. This ensures that all such parcels, and their contents, reach their destination in good condition, whilst not endangering the environment or anyone who comes into contact with them during their journey.

Samples such as blood, tissue, excreta, secreta etc. from humans or animals (which are not assigned to Category A, Infectious Substances), are considered to be Category B Biological Substances. These are assigned to UN3373 and must be packaged according to the Dangerous Goods IATA (air) or ADR (road) Packing Instruction 650 for transport.

Alpha Laboratories provides a wide range of sample packaging materials that help make your regulatory compliance convenient, consistent and cost-effective.



Understanding the Regulations

Visit our dedicated website www.un3373.co.uk to access videos, brochures and guidelines, plus find out about our UN3373 training seminars.

Key Requirements of UN3373 Regulations

Here you will find a brief overview of the classification of infectious substances, and the key requirements for transporting UN3373 Biological Substance, Category B.

Transport of any material which is considered hazardous in any way, can only be conducted in a manner which is compliant with the Dangerous Goods Regulations. This includes any materials derived from human or animal sources which has the potential to contain pathogenic organisms.

There are 2 main classes of infectious material:

Category A

"An infectious sample which is transported, in a form that when exposure to it occurs, is capable of causing permanent disability, life-threatening or fatal disease in otherwise healthy humans or animals.

Infectious substances meeting these criteria which cause disease in humans or both in humans and animals must be assigned to UN2814. Infectious substances which cause disease only in animals must be assigned to UN2900."

Category A Infectious Substances are considered to be high consequence dangerous goods. Transport of these substances must only be carried out by fully trained and certified handlers. Please refer to the IATA or ICAO websites for further information.

Category B

An infectious substance which does not meet the criteria for inclusion in category A. Infectious substances in Category B must be assigned to UN3373 – Biological Substance, Category B.



P650 Packaging Instruction Key Requirements for Road Transport (ADR)

Infectious substances assigned to Category B (UN3373) can be transported by specialised couriers or the Royal Mail, provided they comply with packaging instruction P650 as specified within the dangerous goods manuals. Always check with your transport provider before shipping.

The packaging must be of good quality and strong enough to withstand the shocks and loadings normally encountered during transport. It must prevent any loss of contents that could occur due to vibration or changes in temperature, humidity or pressure. The P650 packaging instructions for liquid substances state:-

- The primary receptacle(s) shall be leak proof; (see point e)
- The secondary packaging shall be leak proof; (see point e)
- If multiple fragile primary receptacles are placed in a single secondary packaging, they shall be either individually wrapped or separated to prevent contact between them;
- Absorbent material shall be placed between the primary receptacles(s) and the secondary packaging. The absorbent material shall be in quantity sufficient to absorb the entire contents of the primary receptacle(s) so that any release of the liquid substance will not compromise the integrity of the cushioning material or of the outer packaging;
- The primary receptacle or the secondary packaging shall be capable of withstanding, without leakage, an internal pressure of 95 kPa (0.95 bar).
- The outer packaging or the secondary packaging shall be rigid and the entire packaging solution will have passed the 1.2m drop test.
- Suitable cushioning material shall be added to prevent too much movement within the package.
- The packaging should be clearly marked with the UN3373 diamond adjacent to the words "BIOLOGICAL SUBSTANCE, CATEGORY B"

P650 Packaging Instruction Key Requirements for Air Transport (IATA)

The key differences compared to transport via road are **highlighted** for clarity

- The primary receptacle(s) shall be leak proof; (see point e)
- The secondary packaging shall be leak proof; (see point e)
- If multiple fragile primary receptacles are placed in a single secondary packaging, they shall be either individually wrapped or separated to prevent contact between them;
- Absorbent material shall be placed between the primary receptacles(s) and the secondary packaging. The absorbent material shall be in quantity sufficient to absorb the entire contents of the primary receptacle(s) so that any release of the liquid substance will not compromise the integrity of the cushioning material or of the outer packaging;
- The primary receptacle or the secondary packaging shall be capable of withstanding, without leakage, an internal pressure of 95 kPa (0.95 bar) **in the range of -40C and +55C**
- The outer packaging shall be **rigid** and the entire packaging solution will have passed the 1.2m drop test
- Suitable cushioning material shall be added to prevent too much movement within the package
- The packaging should be clearly marked with the UN3373 diamond adjacent to the words "BIOLOGICAL SUBSTANCE, CATEGORY B"
- The outer packaging must have one surface of minimum dimensions 10 x 10cm**
- Maximum volume per primary is 1L**
- Maximum volume per outer is 4L**
- The outer packaging must contain an itemised list of contents**

Transporting Biological Samples?



**Get Compliant!
Arrange Your Sample
Transport Seminar Today!**

See page 31 for further details.



**SAMPLE
TRANSPORT SEMINAR**

Official UN3373 Regulation Resources

Alpha Laboratories advises all users to consult the official bodies responsible for safe transport of hazardous material. Visit our dedicated website www.un3373.co.uk to access these links on line.

IATA

The absolute rules for shipping Dangerous goods by air.

<http://www.iata.org/whatwedo/cargo/dgr/Documents/infectious-substance-classification-DGR56-en.pdf>

<http://www.iata.org/whatwedo/cargo/dgr/Documents/packing-instruction-650-DGR56-en.pdf>

Government website

A guide to the international regulations on the transportation of dangerous goods by air, sea, road, rail or inland waterway

<https://www.gov.uk/guidance/moving-dangerous-goods#regulations-for-transporting-dangerous-goods-by-air-sea-road-and-rail-transport>

International Civil Aviation Organisation (ICAO)

Technical Instructions for the Safe Transport of Dangerous Goods by Air

http://www.icao.int/publications/Documents/guidance_doc_infectious_substances.pdf

Department for Transport, HSE, Maritime and Coastguard Agency and Civil Aviation Authority

Transport of infectious substances UN2814, UN2900 and UN3373

https://assets.publishing.service.gov.uk/government/uploads/system/uploads/attachment_data/file/527069/dangerous-goods-guidance-note-17.pdf

World Health Organisation

Transport of Infectious Substances

http://www.who.int/ihr/publications/who_hse_ihr_20100801_en.pdf?ua=1

Royal Mail

IATA Guidance Document Infectious Substances

<http://www.royalmail.com/sites/default/files/Guidance-Documents-Infectious-Substances-171012.pdf>

You can also refer to your courier's website for advice.



UN3373 Packaging Guide for Air and Road Transport

Are You Transporting Biological Samples by Air or Road?

Follow these Guidelines to Ensure Your Compliance and Find the Products You Need

Air			Road		
↓			↓		
Is Your Primary Container Certified 95kPa at both -40C and +55C? ^{1,2}			Is Your Primary Container Certified 95kPa at Ambient Temperature?		
Yes	No		Yes	No	
↓			↓		
You need Leak-Proof Secondary Packaging with Absorbent ³ using either...		You need a Secondary Pouch Certified 95kPa at both -40C and +55C with Absorbent ³ (see page 24)	You need Leak-Proof Secondary Packaging with Absorbent ³ using either...		You need a Secondary Pouch Certified 95kPa at Ambient Temperature with Absorbent ³ (see page 25)
An all-in-one SpeciSafe [®] Pack (see page 19) or ShuttlePouch [™] (see page 22)	A Bag (see page 24) + Absorbent ³ (see page 21)	↓	An all-in-one SpeciSafe [®] Pack (see page 19) using either...	An all-in-one ShuttlePouch [™] (see page 22)	A Bag (see page 24) + Absorbent ³ (see page 21)
↓	↓	↓	↓	↓	↓
Rigid Outer Packaging Required ⁴ (see page 26)			Flexible Outer (see page 27)	Rigid Outer Packaging Required ⁴ (see page 26)	

Note 1. The 95kPa pressure differential test is required for either the primary or secondary container. If the primary container does not have this certification, or you are unsure, you should use a 95kPa certified secondary container.

Note 2. The required pressure differential test is different for air and road transport. For road transport the test is conducted at ambient temperature. For Air transport it must also be conducted at both -40C and +55C.

Note 3. Absorbent material must be capable of absorbing the entire contents of the primary containers.

Note 4. For air transport, you must use a rigid outer box.

Note 5. For road transport the rigid element of the packaging can be either the secondary or the outer packaging.

Important - Always check with your transport provider to ensure they do not have any additional special conditions for transport of Biological Substances.

Sample Collection Solutions

Fe-Col® Faecal Collection Papers

Hygienic and Convenient for the Patient, Quality Samples for the Laboratory

There are numerous assays now available that can diagnose clinical conditions from the biomarkers, analytes or pathogens found in faecal samples.

However, collecting a faecal sample is difficult and unpleasant and the various methods used can cause erroneous results and additional work for the laboratories.

New Fe-Col® Papers Solve the Problem

Fe-Col® is a unique, disposable stool collection paper, which is easily and securely placed on the toilet and can be flushed away entirely after use as it is completely degradable.

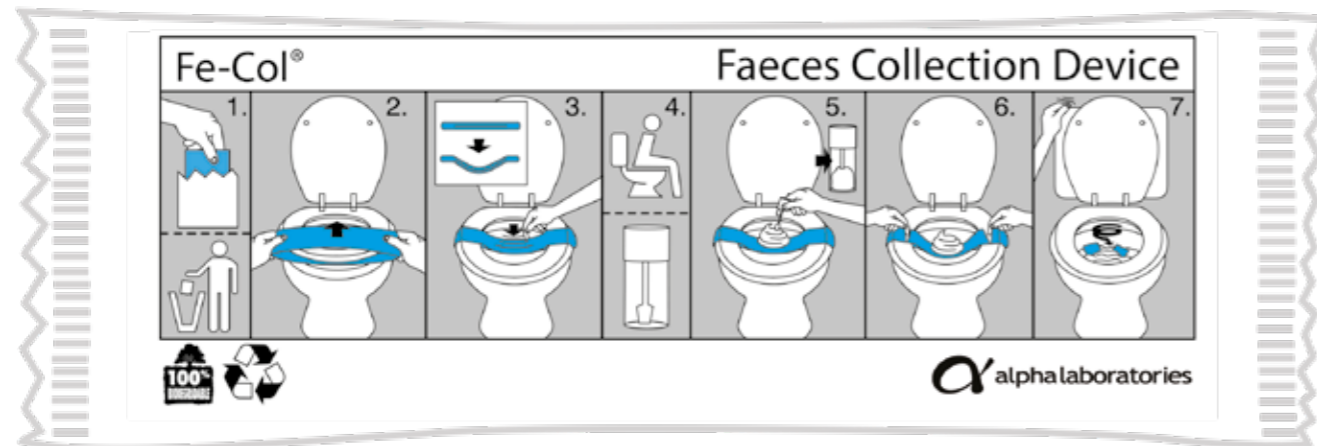
Available on its own with clear pictorial instructions for use, or in a dispenser box for clinics to give to patients to use at home. NOTE: appropriate UN3373 packaging should also be provided for patients to return their sample.

Features:

- Made from wood-free paper
- Flushable & biodegradable
- No optical brightness additives (e.g. bleach)
- Simple instructions for use
- Flow-seal packaging
- Small and compact
- Recycled material

Perfect for:

- Clinical Trials
- Screening Programmes
- Calprotectin and Faecal Elastase Testing
- Fat content tests
- Infectious disease tests etc.



Benefits

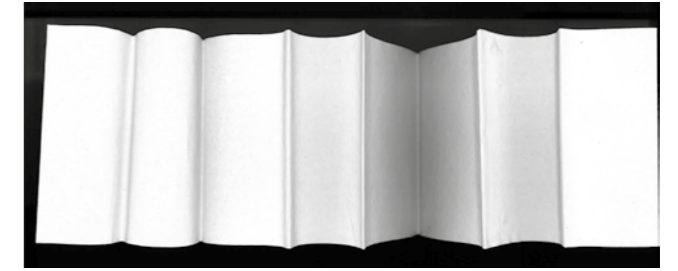
For the patient

- Easy to use
- Use the toilet as normal
- Hygienic
- No mess
- Nothing to throw away
- No toilet blockages

For the Testing Laboratory

- Encourages increased uptake on screening programmes
- Less contamination
- Less variability
- More accurate results
- Reduction of pre-analytical errors
- Fewer repeat tests
- Reduce overall laboratory costs

Fe-Col® is supplied in a discreet, flat flow-wrapped package. When unwrapped and unfolded it opens up to slip easily onto the toilet seat ready for use. It remains firmly in place whilst some of the sample is transferred into an appropriate vessel. A full range of sample collection containers and tubes are available from Alpha Laboratories, please see the website.



FC2030 - Fe-Col® Dispenser Box

Fe-Col® is also available in a handy dispenser box containing 50 faecal collection papers each enclosed in a flow-sealed pack with instructions. This is convenient for use in clinics, surgeries and dispensaries.



Fe-Col® Faecal Collection Papers

Catalogue Number	Description	Pack Size
FC2010	Fe-Col Faeces Collection Paper with Instructions for Use (IFU)	1000
FC2030	Fe-Col Faeces Collection Paper with Instructions for Use in Dispenser Box. 5 boxes of 50	5 x 50

PeeCanter Urine Sample Collection Device

The PeeCanter is a discreet and handy pop-up urine collection cup. It is supplied flat-packed, which reduces postal costs and storage space, and makes it ideal for inclusion into home testing kits where patients need to collect their own samples. The PeeCanter is simple and quick to assemble, simply press with finger and thumb in the marked areas and the 3D cup locks into position. The wide (50mm) aperture makes it easier to collect the sample reducing spillages and the square design of the cup provides a natural and accurate pouring spout for decanting into the final urine storage or transport container.

The design reduces the opportunity for crushing/cracking during the delivery and collection process, thus increasing the potential for return of usable sample.

Manufactured from card lined with a waterproof plastic sleeve, the maximum fill capacity is 200ml. The collection cup measures 50 x 50 x 120mm (w x d x h) in its fully opened 3D shape.



Ideal for Point of Care Diagnostic Kits, Clinical trials, Sample Collection Kits, or anywhere there is a need to collect a urine sample.

PeeCanter Urine Sample Collection Device

Catalogue Number	Description	Pack Size
4U2P-100	PeeCanter Urine Sample Collection Device with Instructions for Use	100
4U2P-500	PeeCanter Urine Sample Collection Device with Instructions for Use	500
4U2P-1000	PeeCanter Urine Sample Collection Device with Instructions for Use	1000

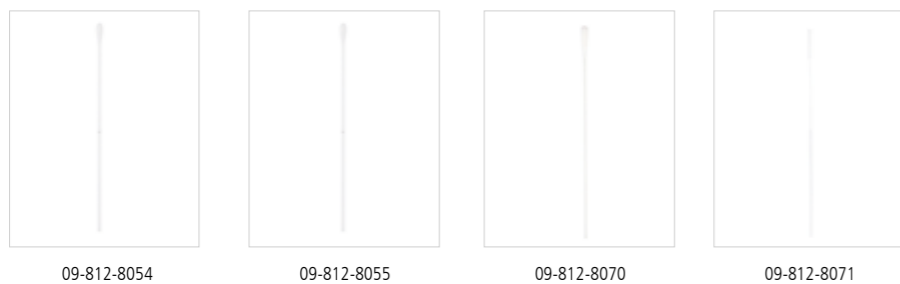
Swabs

A selection of plain and transport swabs for collection and safe transport of bacteriological, serological and cytological samples. Plain swabs are CE-marked for IVD and transport swabs as Class IIa in accordance with Medical Devices Directive 93/42/EEC.



Catalogue number	Description	Method of Sterilisation	Pack Size
SW1020	Plain Swab, Wooden Stick, Cotton Tip, Non-Sterile	-	10 x 100
SW1030	Plain Swab, Wooden Stick, Cotton Tip, Sterile	EO	100
SW1070	Plain Swab, PS Stick, Viscose Tip, Non-Sterile	-	90 x 100
SW1040	Plain Swab, PS Stick, Viscose Tip, Sterile	EO	10 x 100
SW1010	Transport Swab without medium, White Cap, PP Tube, PS Stick, Viscose Tip, Sterile	IR	500
SW1050	Transport Swab with Amies medium, Blue Cap, PP Tube, PS Stick, Viscose Tip, Sterile	IR	8 x 150

EO = Ethylene Oxide Sterilisation, IR = Irradiation, PS = Polystyrene, PP = Polypropylene



Catalogue number	Description	Method of Sterilisation	Pack Size
09-812-8054	Plain Swab, Single Peel Pack, PS Stick, Viscose Tip, Sterile, Break Point 78mm	EO	10 x 100
09-812-8055	Plain Swab, Single Peel Pack, PS Stick, Viscose Tip, Sterile, Break Point 80mm	EO	10 x 100
09-812-8070	Flocked Swab, Single Peel Pack, ABS Stick, Nylon Tip, Sterile, Break Point 30mm & 80mm	R	12 x 100
09-812-8071	Flocked Swab, Single Peel Pack, ABS Stick, Nylon Tip (Fine Head), Sterile, Break Point 80mm	R	12 x 100

EO = Ethylene Oxide Sterilisation, R = Irradiation, PS = Polystyrene, ABS = Acrylonitrile Butadiene Styrene

Primary Containers for Sample Transport

Once collected, samples need to be stored and transported securely without the risk of contamination or leakage.

The key requirement for primary containers to transport samples is that they are leak-proof. Here we offer a range of primary containers which are tested and certified to be leak-proof.

However to meet the UN3373 P650 packaging instruction, either the primary or secondary container must have been tested specifically to withstand a 95kPa pressure differential test. For road transport this test should be conducted at ambient temperature, but for air transport, the test must also be conducted at -40C and +55C.

This means a leak-proof container, which has not been demonstrated to pass the 95ka pressure differential test, can only be used for sample transport when combined with a secondary container which has passed the appropriate test.

We have categorised the sample containers according to their certification, however tubes certified to the IATA standard may also be used for other forms of transport. Please refer to the UN3373 Packaging Guide for Air & Road Transport on page 7 for further guidance.

Primary Sample Containers Certified 95kPa Compliant for Air Transport

To be used with a leak proof secondary, absorbent and outer rigid box.

- SampleTite™ Prime Containers
- Blood Collection Tubes



SampleTite™ Prime Containers

A Secure Solution for Sample Collection, Storage and Transportation

SampleTite™ Prime Specimen Containers have been designed for applications where strict adherence to regulatory requirements for the safe collection, storage and transportation of biological samples is essential.

The containers are manufactured from durable polypropylene and the caps are made from high density polyethylene (HDPE).

SampleTite™ Prime Specimen Containers are food contact approved and testing has been carried out for suitability with aggressive chemicals such as formaldehyde.

They are widely used in a range of applications including pathology, histology, water sampling and metals analysis.

- High clarity
- Easy opening and closure



Leak-proof, 95kPa Tested to IATA Standard for Compliant Sample Transport

A process validation has been carried out on these disposable plastic specimen containers to ensure the unique “double seal” closure technology remains leak-proof under a pressure differential of not less than 95 kPa (0.95bar, 14 psi) at both -40C and +55C, making them suitable as a primary container for air transport of UN3373 biological samples.

Catalogue Number	Description	Pack Size
STC0120SJ	SampleTite Prime Specimen Container 120ml Clear Non-Sterile	500
STC0120CW	SampleTite Prime Specimen Cap 120ml White Non-Sterile	500

Blood Collection Tubes

All Blood Collection Tubes are certified 95kPa compliant for air transport.

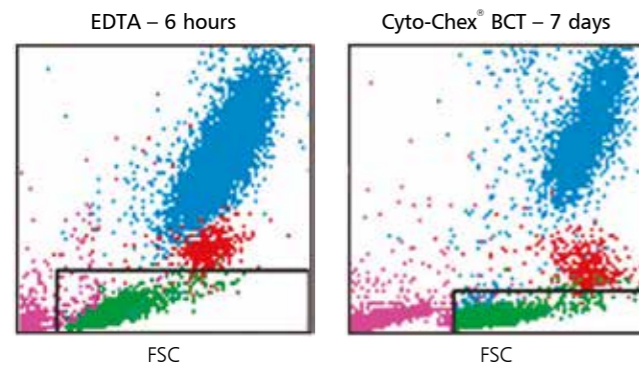
Cyto-Chex® BCT

A vacuum tube for the collection, transport and retention of whole blood samples for immunophenotyping by flow cytometry.

- Maintains cellular morphology and surface antigen expression
- Samples are stable at room temperature for up to 14 days prior to analysis allowing for batch processing
- Stabilises white blood cell panel antigens including those of the HIV panel of CD markers
- Subsets of leukocytes can be distinguished by flow cytometry
- Facilitates sample batching to reduce daily flow cytometry start-up costs
- 2ml paediatric tube available

The Proof of Stability

Light scatter profiles from a blood sample drawn into a K+ EDTA tube analysed at six hours compared to data from a blood sample from the same patient drawn into a Cyto-Chex® BCT tube analysed at seven days.



Cyto-Chex® BCT		
Catalogue Number	Description	Pack Size
218980	Cyto-Chex BCT (glass)	100 x 2mL
213361	Cyto-Chex BCT (glass)	6 x 5mL
213362	Cyto-Chex BCT (glass)	25 x 5mL
213386	Cyto-Chex BCT (glass)	100 x 5mL

Streck

Cell-Free DNA BCT®

Cell-Free DNA BCT® is a blood collection tube with a preservative stabilising nucleated blood cells. This unique stabilisation prevents the release of genomic DNA, allowing isolation of high-quality cell-free DNA. It also has been demonstrated to minimise the degradation of CTCs.

Multiple Applications

Recover high-quality cell-free DNA suitable for a wide range of downstream applications commonly used in clinical research studies, drug discovery and diagnostic assay development.

Consistent Results

Enhanced stability and recovery of cell-free plasma DNA minimises variability associated with cell-free DNA sample preparation.

Improved Logistics

Cell-Free DNA BCT reduces the need for immediate plasma preparation and CTC processing due to unique stabilisation properties. Cell-free DNA is stable for up to 14 days at 6 °C to 37 °C, while circulating tumour cells are stable for up to 7 days, at room temperature, allowing convenient sample collection, transport and storage.

- Blood Draw Volume 9.0 mL or 2.0 mL
- cfDNA/gDNA Sample Stability 14 days at 6 °C to 37 °C
- CTC Sample Stability 7 days at 15 °C to 30 °C
- Shelf Life 24 months from manufacture



Cell-Free DNA BCT®		
Catalogue Number	Description	Pack Size
218996	Cell-Free DNA BCT CE (glass)	6 x 10mL
218997	Cell-Free DNA BCT CE (glass)	100 x 10mL
230244	Cell-Free DNA BCT CE (glass)	1000 x 10mL

Streck

RNA Complete BCT™

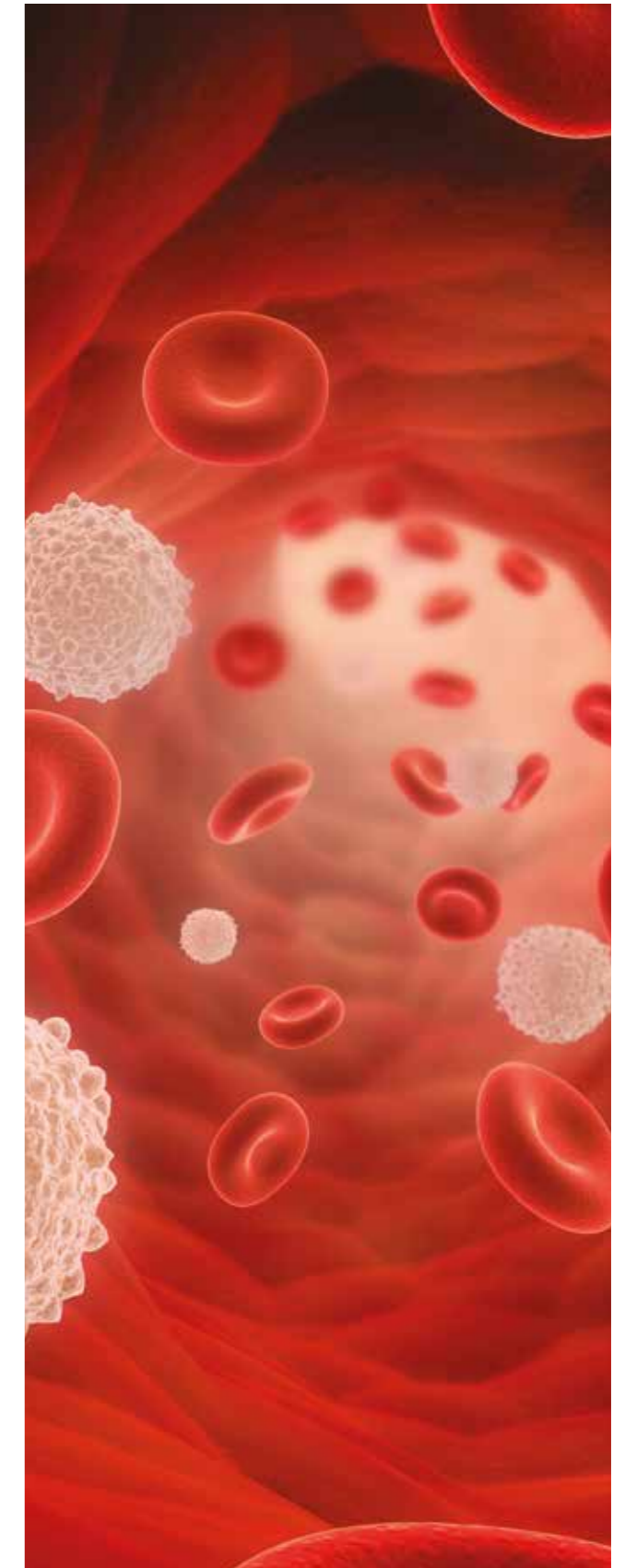
A direct draw blood collection tube that maintains the draw time concentration of cell-free RNA and extracellular vesicles, such as exosomes. The preservative stabilises cell-free RNA and exosome counts for up to 7 days at room temperature, maximising plasma yield and minimising haemolysis during storage.

- Reduces the need for immediate plasma preparation
- Allows for isolation of cell-free RNA for a wide range of downstream applications, including Droplet Digital PCR and next-generation sequencing
- Isolated extracellular vesicles are suitable for downstream applications, such as Nanoparticle Tracking Analysis or indirect analysis of EV-associated cargo
- Blood Draw Volume 10 ml
- Limits the degradation of white and red blood cells, providing sample integrity during storage, shipping and handling of blood samples
- Sample is stable for 7 days when stored at room temperature, reducing costs and complications associated with cold shipping.



RNA Complete BCT™		
Catalogue Number	Description	Pack Size
230579	RNA Complete BCT (glass)	6 x 10ml
230580	RNA Complete BCT (glass)	100 x 10ml
230581	RNA Complete BCT (glass)	1000 x 10ml

Streck



Primary Sample Containers Certified 95kPa Compliant for Road Transport

To be used with a leak-proof secondary, absorbent and either flexible or rigid outer packaging (please refer to the UN3373 Packaging Guide for Air & Road Transport on page 4).

- 30ml polypropylene Universal Containers
- 30ml polystyrene Universal Containers



ADR 95kPa Certified - 30ml Universal Containers

Universal containers are aseptically manufactured from clear virgin polypropylene or polystyrene. All have a conical base and are self-standing. For stool collection there are options with a sampling scoop/spoon attached to the cap, or for urine collection there is an option with Boric Acid. Made to the highest standards and demanding specifications for the most critical applications. Manufactured under clean room conditions. All materials are non-cytotoxic.



Universal Containers - Polypropylene Tube

Catalogue Number	Description	Material * (Tube/Cap)	Label	Sterility	Pack Size	Inner Pack
CW3840	30ml Universal	PP/PP	Printed	Aseptic	400	No
CW3850	30ml Universal with Boric Acid	PP/PP	Printed	Aseptic	400	No
IR1385	30ml Universal	PP/PP	No	Aseptic	400	50



CW3840



CW3850



IR1385

Universal Containers - Polystyrene Tube

Catalogue Number	Description	Material * (Tube/Cap)	Label	Sterility	Pack Size	Inner Pack
IR1390	30ml Universal	PS/PP	Printed	Aseptic	400	50
CW3820	30ml Universal with Boric Acid	PS/PP	Printed	Aseptic	400	No

*PS = Polystyrene, PP = Polypropylene



IR1390



CW3820

Other Universal Containers

Universal Containers - Polypropylene Tube

Catalogue Number	Description	Material * (Tube/Cap)	Label	Sterility	Pack Size	Inner Pack
08-022-2004	15ml Universal Container with Spoon, Skirted Base	PP/PE	No	Aseptic	1000	250
08-002-2004	12ml Universal Container with Spoon, Round Base	PP/PE	No	Aseptic	1000	250

*PP = Polypropylene, PE = polyethylene



08-022-2004



08-002-2004

Transport Tubes

Manufactured from virgin polypropylene, these tubes are free-standing with an internal conical base and in-mould graduations in 5ml increments. The screw cap is supplied with the tube and is manufactured from polyethylene.

They are 95kPa tested for the storage and transport of urine, sputum and most liquids or particulate samples.

The tubes are lot by lot certified free of DNA, DNase, RNase and Endotoxins.

They are autoclavable at 121C and can be used for freezing samples.



Transport Tubes

Catalogue Number	Description	Pack Size
TT1500	Transport Tube 50ml, Yellow Screw Cap, Non-Sterile, Graduated	100 x 5
TT1500S	Transport Tube 50ml, Green Screw Cap, Sterile, Graduated	25 x 20

Primary Sample Containers - Leak-Proof Tested

Leak-proof tested in accordance with BS EN 14254 Annex D except CW3880 and CW3890 which are tested to BS5213:1975 (1989) Appendix A.

Note: Require an appropriately certified secondary container dependent on mode of transport, plus absorbent and outer packaging (please refer to the UN3373 Packaging Guide for Air & Road Transport on page 4).

- Bijou Containers
- 30ml polypropylene Universal Containers
- 60ml polystyrene Universal Containers
- Aseptic Containers

Bijou Containers

Bijou containers offer a wide variety of uses across research, pharmaceutical and clinical laboratories.

For preservation of urine samples a bijou containing Boric Acid is available.

- Ideal for small volume samples
- Manufactured under clean room conditions
- Manufactured from virgin non-cytotoxic polystyrene
- CE marked in accordance with the European directive 98/79/EC
- For *in vitro* use only
- Leak-proof tested in accordance with BS EN 14254 Annex D



Bijou Containers

Catalogue Number	Description	Material * (Tube/Cap)	Label	Sterility	Pack Size	Inner Packs
RC2122	7ml Bijou Screw Cap Container	PS/PE	Plain	Aseptic	700	No
RC2124	7ml Bijou Screw Cap Container w/ Boric Acid	PS/PE	Plain	Aseptic	700	No
RC2120	7ml Bijou Screw Cap Container	PS/PP	No	Aseptic	700	No

*PS = Polystyrene, PP = Polypropylene, PE = Polyethylene

30ml Universal Containers

Universal containers are aseptically manufactured from clear virgin polystyrene. All have a conical base and are self-standing.

For stool collection there are options with a sampling scoop/spoon attached to the cap.

Made to the highest standards and demanding specifications for the most critical applications manufactured under clean room conditions. All materials are non-cytotoxic.

Universal Containers - Polystyrene Tube

Catalogue Number	Description	Material * (Tube/Cap)	Label	Sterility	Pack Size	Inner Pack
CW3880	30ml Universal	PS/PP	No	Aseptic	400	No
CW3890	30ml Universal	PS/PP	Plain	Aseptic	400	No
CW3810	30ml Universal with Spoon (CE IVD)	PS/PP	Printed	Aseptic	400	No
RC2145	30ml Universal with Spoon (CE IVD)	PS/PP	No	Aseptic	400	No

60ml Containers

- Manufactured from virgin non-cytotoxic polystyrene
- CE marked in accordance with the European Directive 98/79/EC
- For *in vitro* use only
- Unique leak-tight cap ensures exceptional leak-proof seal
- Leak-proof tested in accordance with BS EN 14254 Annex D



60ml Containers

Catalogue Number	Description	Pack Size
IR1382	60ml Container PS/PE No Label Plastic Cap	300
IR1381	60ml Container PS/PE Printed Label Plastic Cap	300
IR1380	60ml Container Plain Label Plastic Cap	300

Aseptic Container PS/Metal Cap

- Ideal for sample containment
- CE marked in accordance with the European Directive 98/79/EC
- For *in vitro* use only
- Aseptically manufactured under cleanroom conditions (class 7 ISO 14644) to exclude microbiological contamination
- Manufactured from virgin polystyrene
- All materials are non-cytotoxic



Aseptic Container PS/Metal Cap

Catalogue Number	Description	Pack Size
IR1400	150ml Container No Label, Metal Flow Seal Cap	120
IR1405	150ml Container Plain Label, Metal Flow Seal Cap	120
IR1410	250ml Container No Label, Metal Flow Seal Cap	50
IR1415	250ml Container Plain Label, Metal Flow Seal Cap	50
IR1420	250ml Container Printed Label, Metal Flow Seal Cap	50

Other Primary Sample Containers

Slide Mailers

These polypropylene slide mailers offer a convenient solution for long-term storage or mailing of up to 5 slides.

These end opening mailers have an integral snap seal to keep out dust and moisture and protect slides from breakage. Internal ridges keep slides separated.

The mailers can also be used for storage of slides and can be used in staining procedures as an inexpensive substitute for a staining chamber or coplin jar.

Supplied non-sterile.



Slide Mailers

Catalogue number	Description	Pack Size
SM0505	Polypropylene Mailing Container for 5 76x26mm Microscope Slides	100

Secondary Packaging Solutions for Air or Road Transport

Alpha Laboratories provides a range of sample packaging materials that help make your regulatory compliance convenient, consistent and cost-effective.

The innovative **SpeciSafe®** all in one secondary packaging system combines absorbent material, vial separation and rigid container within a single pre-moulded mailing pack. SpeciSafe packs are available in a range of designs to fit perfectly around commonly used 95 kPa sample vessels.

ShuttlePouch™ is a leak-proof pouch with integral absorbent designed to carry a single specimen tube. There are a range of sizes and two types of leak-proof options. The first must be used with primary containers which are 95kPa pressure differential certified, whilst the second are 95kpa pressure differential certified to the IATA standard and can thus be used with any leak-proof primary container. With either version place in a rigid outer container to complete the UN3373 compliant solution.

Air Transport

SpeciSafe packs must be used with primary containers which are certified to have passed a 95kPa pressure differential test to IATA standards. The primary container must maintain a 95kPa pressure differential at both -40C and +55C.

IATA compliant ShuttlePouches can be used with any leak-proof primary sample container.

For air transport in all cases the outer packaging must be rigid so both SpeciSafe and ShuttlePouches should be teamed with a rigid UN3373 outer box.



Road Transport

SpeciSafe packs & leak-proof ShuttlePouches must be used with primary containers which are certified to have passed a 95kPa pressure differential test at ambient temperature.

95kPa certified ShuttlePouches can be used with any leak-proof primary sample container

SpeciSafe packs are rigid and can be placed directly in a flexible envelope or bag, ready for transport. The dimensions of most SpeciSafe packs minimise postage costs. Depending on the sample vial size they can be mailed at large letter or small packet rate.

ShuttlePouch is a leak proof pouch which contains absorbent material. Add a rigid outer packaging for a complete and compliant UN3373 solution. They also reduce the cost for packing and shipping sample tubes compared to conventional methods.



Always check your packaging with your courier or postage provider before sending to avoid potential problems.

SpeciSafe® Complete Secondary Mailing Packs for 95kPa Vials

SpeciSafe® Provides a Safe, Convenient and Economical UN3373 Compliant Secondary Sample Packaging Solution

SpeciSafe replaces secondary packaging for mailing Category B samples contained in 95kPa vials. It combines the absorbent material, vial separation and rigid container within a single pre-moulded mailing pack

You then only need to add a UN3373 labelled padded envelope or bag as your outer packaging when transporting by road, or a rigid box for air transport, saving you time and money.

SpeciSafe packs are available in a range of designs to fit perfectly around commonly used 95 kPa sample vessels.

Benefits of SpeciSafe Packs

- Shock resistant primary container protection
- Built-in ultra-absorbent Gel Block – absolutely no leaks!
- Clear plastic enables sample details to be visible without unpacking
- Visible spillage indication prior to opening protects users
- User friendly, quick and intuitive use
- The pre-moulded packs keep multiple primary containers separated from each other
- Compliant flat-pack design minimises postage costs

Ultra-Absorbent Lining Eliminates Leakage

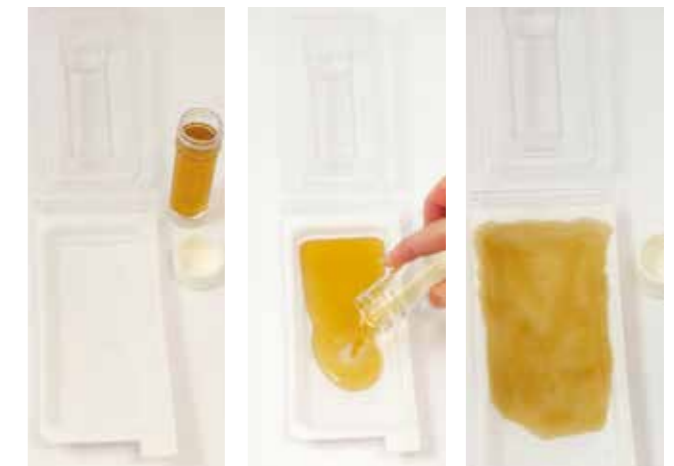
The unique feature of SpeciSafe packaging products is an internally bonded ultra-absorbent lining which soaks up any leakage in seconds.

The material is so absorbent that 1m² can soak up as much as 20 litres of liquid.

Once the lining has absorbed its maximum amount of liquid, it becomes a watertight barrier and effectively seals the SpeciSafe pack preventing any leakage from the secondary container.



When used with 95kPa primary containers, SpeciSafe meets all requirements of UN3373 for secondary packaging.



SpeciSafe® for Micro Blood Tubes or Serum Vials

SpeciSafe secondary mailing packs suitable for transporting micro blood tubes, serum type tubes or 0.5, 1.5 or 2.0ml microtubes. Package just a single tube or up to 10 with speed and ease.

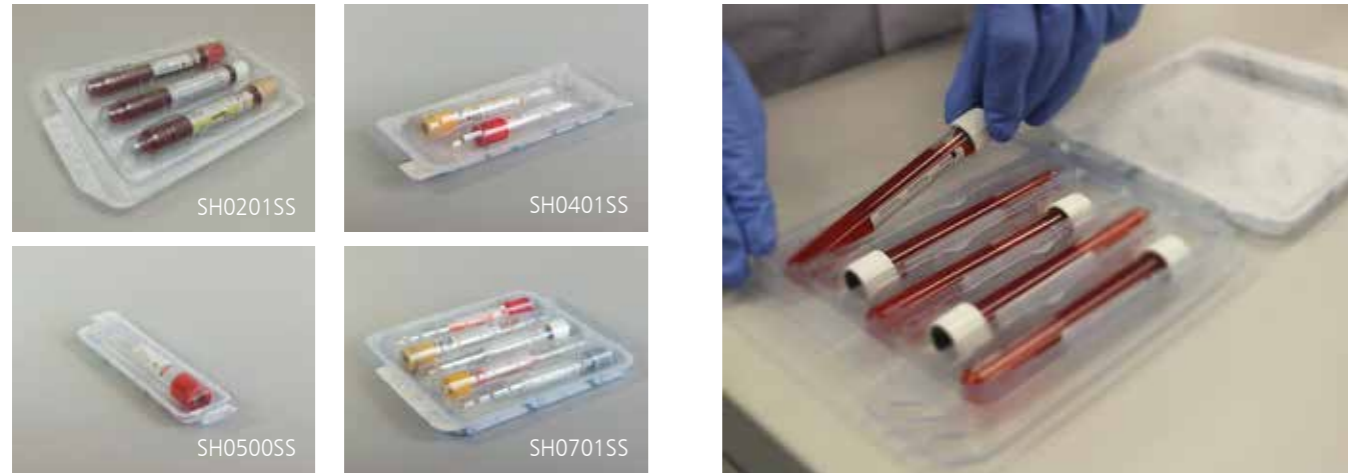


SpeciSafe® for Micro Blood Tubes or Serum Vials		
Catalogue Number	Description	Pack Size
SH0100SS	SpeciSafe Packs to hold 10 Serum Vials	170
SH0110SS	SpeciSafe Packs to hold 10 Serum Vials	50
SH0301SS	SpeciSafe Packs to hold 6 Serum Vials / Micro Blood Tubes	300
SH0311SS	SpeciSafe Packs to hold 6 Serum Vials / Micro Blood Tubes	100
SH1300SS	SpeciSafe Packs to hold 3 Serum Vials	500
SH1700SS	SpeciSafe Packs for 1 Serum Vial / Micro Blood Tube	450
SH1800SS	SpeciSafe Packs for 2 Serum Vials / Micro Blood Tubes	500
SH0801SS	SpeciSafe Packs for 4 x 5ml Serum Vials	250



SpeciSafe® for Blood Collection Tubes

Ensure safe and compliant transport of various types of evacuating blood collection tubes with this range of SpeciSafe secondary mailing packs. These packs also accommodate many other types of tube up to 10ml volume.



SpeciSafe® for Blood Collection Tubes

Catalogue Number	Description	Alternative Use	Pack Size
SH0201SS	SpeciSafe Packs to hold 3 Blood Type Tubes up to 10.5ml*	6x 0.5, 1.5 or 2.0ml screw cap microtubes/serum vials or 6x cryovials (<2ml) or 3x cryovials (2-5ml)	210
SH0211SS	SpeciSafe Packs to hold 3 Blood Type Tubes up to 10.5ml*	6x 0.5, 1.5 or 2.0ml screw cap microtubes/serum vials or 6x cryovials (<2ml) or 3x cryovials (2-5ml)	50
SH0401SS	SpeciSafe Packs to hold 2 Blood Type Tubes up to 10.5ml*	2 smaller blood tubes PLUS a 0.5, 1.5 or 2.0ml screw cap microtube/serum vial or cryovial	300
SH0411SS	SpeciSafe Packs to hold 2 Blood Type Tubes up to 10.5ml*	2 smaller blood tubes PLUS a 0.5, 1.5 or 2.0ml screw cap microtube/serum vial or cryovial	100
SH0500SS	SpeciSafe Packs to hold a Single Blood Type Tube up to 10.5ml*	1x cryovial (< 5ml) or 1x 0.5, 1.5 or 2.0ml screw cap microtubes/serum vials	500
SH0510SS	SpeciSafe Packs to hold a Single Blood Type Tube up to 10.5ml*	1x cryovial (< 5ml) or 1x 0.5, 1.5 or 2.0ml screw cap microtubes/serum vials	100
SH0701SS	SpeciSafe Packs to hold 5 Blood Type Tubes up to 10.5ml (Universal Fit)	5x Transport Tubes (5 or 10ml)	150

*Please request a sample to check the fit of the blood tubes that you use

SpeciSafe® for Universal Containers

These SpeciSafe secondary mailing packs are designed to fit standard 30ml Universal tubes commonly used as urine or faeces sample containers. There is a single or triple tube option available. Please note: The maximum volume per package which can be transported by Royal Mail is 50ml.



SpeciSafe® for Universal Containers

Catalogue Number	Description	Pack Size
SH0600SS	SpeciSafe Packs to hold a Single Universal Container	300
SH0610SS	SpeciSafe Packs to hold a Single Universal Container	100
SH1400SS	SpeciSafe Packs to hold 3 Universal Containers	160



SpeciSafe® for Short Swab Tubes or Bijou Containers

This SpeciSafe pack is suitable for transporting a single compact swab container and similar tubes – popular for sexual health screening and evidence kits. Also compatible with 7ml Bijou type containers and will accommodate two of these.



SpeciSafe® for Short Swab Tubes or Bijou Containers

Catalogue Number	Description	Pack Size
SH0900SS	SpeciSafe Packs to hold 1 Swab Tube or 2 x Bijous	300

SpeciSafe® for Large Volume Sample Containers

Large volume sample containers used to collect and transport urine, faeces or tissue specimens can be accommodated in the SH1500SS SpeciSafe. It can hold 3 x 40ml, 2 x 60ml or 1 x 90ml containers, or any two different volumes in combination. Please note: The maximum volume per package which can be transported by Royal Mail is 50ml.



SpeciSafe® for Large Volume Sample Containers

Catalogue Number	Description	Pack Size
SH1500SS	SpeciSafe Packs to hold up to 2 Large Volume Sample Containers	160



Absorbent Sheets

These super absorbent sheets can be used with all types of packaging to help meet UN3373 regulations. Available in 4 sizes specified by the volume that they can absorb, simply choose the one that will absorb at least the total volume of your sample. More than one sheet can be added to any packaging if required, to ensure that it would absorb all the sample in the event of catastrophic leakage.

A 4 or 6 bay absorbent pouch is also available, suitable for sending up to 4 or 6 blood type or similar tubes. This keeps the tubes separated from each other, without the need to wrap each one individually.



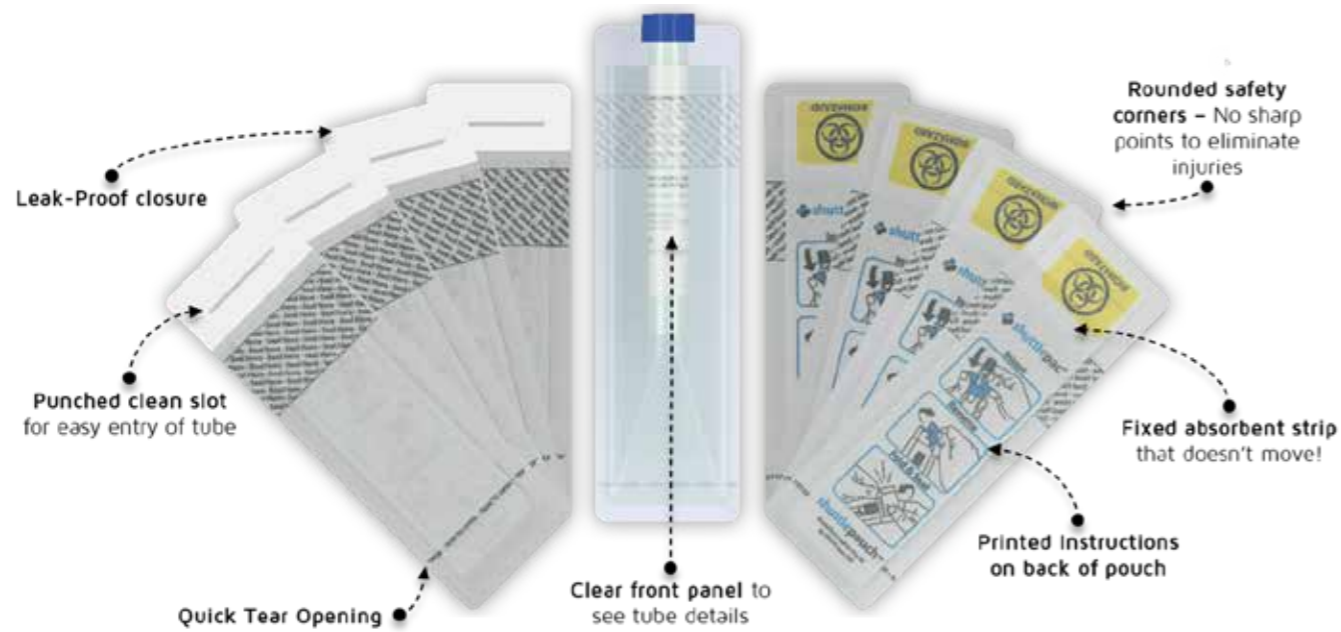
Absorbent Sheets

Catalogue Number	Description	Pack Size
AB001	Absorbent Sheet 75 x 125mm - absorbs 50ml	1000
AB001-100	Absorbent Sheet 75 x 125mm - absorbs 50ml	100
AB001-500	Absorbent Sheet 75 x 125mm - absorbs 50ml	500
AB002	Absorbent Sheet 125 x 150mm - absorbs 100ml	500
AB002-100	Absorbent Sheet 125 x 150mm - absorbs 100ml	100
AB003	Absorbent Sheet 150 x 250mm - absorbs 200ml	500
AB003-100	Absorbent Sheet 150 x 250mm - absorbs 200ml	100
AB004	Absorbent Sheet 250 x 300mm - absorbs 400ml	250
AB004-100	Absorbent Sheet 250 x 300mm - absorbs 400ml	100
AB010	Absorbent 4 Bay Pouch for up to 4 blood tubes	500
AB010-100	Absorbent 4 Bay Pouch for up to 4 blood tubes	100
AB013-100	Absorbent 6 Bay Pouch for up to 4 blood tubes	100

ShuttlePouch™ Leak Proof Pouch

ShuttlePouch™ Provides a Cost Effective and User Friendly UN3373 Compliant Secondary Sample Packaging Solution

ShuttlePouch™ is a leak proof pouch designed to carry a single 95kPa pressure differential certified blood or urine specimen tube (or any similar sized specimen tube). Add a rigid outer packaging for a complete and compliant UN3373 solution. The pouches are small and narrow and available in a range of sizes to suit all needs.



The ShuttlePouch™ range of leak proof pouches is designed to carry individual 95kPa pressure differential certified blood or urine specimen tubes (or any similar sized specimen tube). They are available in a range of sizes to suit all needs.

They include absorbent material already inside the pouch for convenient compliance to UN3373 packaging requirements.

The pouches also feature a transparent front so the tube and label are clearly visible. An easy to open tear area facilitates processing when the samples arrive at the lab.

Each leak proof pouch is printed with easy-to-follow instructions showing how to pack and seal the specimen tube. Simply add a rigid outer packaging box for a complete and compliant UN3373 solution.

In addition, the 95kPa pressure differential compliant ShuttlePouch is certified for transport by air (IATA).

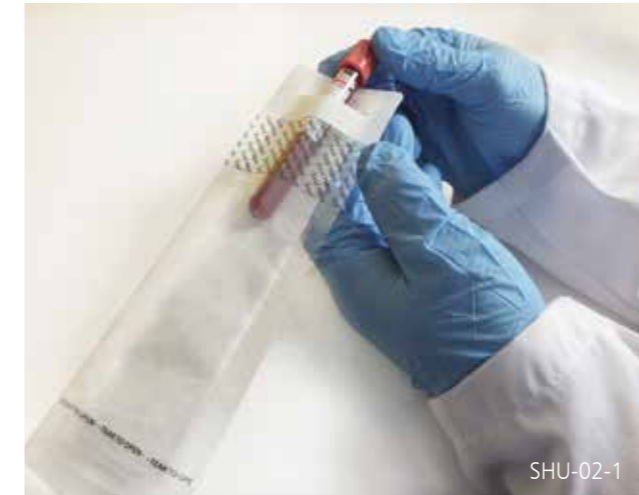
With all the features described above, they can be used with any leak free tube for transport by road or air.



When used with 95kPa primary containers, and a rigid UN3373 outer box ShuttlePouch meets all requirements of UN3373 for secondary packaging.

ShuttlePouch™ for Blood Collection Tubes

Ensure safe and compliant transport of various types of evacuating blood collection tubes, or other types of specimen tubes, with this range of ShuttlePouch secondary mailing packs.



ShuttlePouch™ for Blood Collection Tube		
Catalogue Number	Description	Pack Size
SHU-02-1	Pouch with 12ml nominal absorbency 59 x 215mm for tube sizes up to 20mm diameter and 125mm long	1000
SHU-02-2	Pouch with 10ml nominal absorbency 59 x 190mm for tube sizes up to 20mm diameter and 105mm long	1000
SHU-02-3	95kPa Pouch with 10ml nominal absorbency 59 x 190mm for tube sizes up to 20mm diameter and 110mm long	1000
SHU-02-4	Pouch with 8ml nominal absorbency 59 x 170mm for tube sizes up to 20mm diameter and 85mm long	1000

ShuttlePouch™ for Universal Containers

These ShuttlePouch secondary mailing packs are designed to fit standard 30ml Universal tubes commonly used as urine or faeces sample containers. Please note: The maximum volume per package which can be transported by Royal Mail is 50ml.



ShuttlePouch™ for Universal Containers		
Catalogue Number	Description	Pack Size
SHU-02-5	Pouch with 15ml nominal absorbency 90 x 190mm for tube sizes up to 32mm diameter and 105mm long	1000
SHU-02-6	95kPa Pouch with 15ml nominal absorbency 90 x 190mm for tube sizes up to 32mm diameter and 105mm long	1000



Specimen Bags

These handy, grip seal specimen bags comprise the main compartment plus an integral document wallet to ensure your paperwork stays with your samples. For use with appropriately tested 95kPa primary containers. These can also be used to separate multiple primary sample containers from each other.

Supplied non-sterile.



Specimen Bags		
Catalogue number	Description	Pack Size
BS1422	Specimen Bag, Plain 22x15cm, with Wallet 18x15cm	100
BS1414P	Specimen Bag with Biohazard Warning 14x14cm, with Wallet 20x14cm	1000

Other Secondary Packaging Solutions for Air Transport

95kPa IATA Pouches

Flexible Secondary Pouches are the ideal solution for transporting sample containers where the pressure resistance is either unknown or not certified to be 95kPa compliant. They are also useful for any sample container which does not fit into any of the moulded SpeciSafe® transport containers. These IATA compliant pouches can be used as the secondary packaging option when combined with a rigid outer box. In this way the pouches can be used to meet the UN3373 regulations P650 packaging instruction for transport of category B biological samples by air.

The IATA flexible secondary pouches have undergone much more rigorous testing at both -40C and +55C to ensure they are robust enough to withstand the changes in pressure and temperature they may encounter during air transport. 95kPa pouches carry full instructions.



FS95-C4-100-IATA



SHU-02-3

95kPa IATA Pouches		
Catalogue Number	Description	Pack Size
FS95-C4-100-IATA	Flexible Secondary IATA 95kPa Pouch C4	100
FS95-C5-100-IATA	Flexible Secondary IATA 95kPa Pouch C5	100
SHU-02-3	ShuttlePouch™ 95kPa Pouch with 10ml nominal absorbency 59 x 190mm for tube sizes up to 20mm diameter and 110mm long	100
SHU-02-6	ShuttlePouch™ 95kPa Pouch with 15ml nominal absorbency 90 x 190mm for tube sizes up to 32mm diameter and 105mm long	100

Secondary Packaging Solutions for Road Transport

95kPa ADR Pouches

Flexible Secondary 95kPa Pouches are the ideal solution for transporting sample containers where the pressure resistance is either unknown or not certified to be 95kPa compliant. They are also useful for any sample container which does not fit into any of the moulded SpeciSafe® transport containers. These ADR pouches can be used as the secondary packaging option when combined with a rigid outer box. The rigid outer can be an individual one, or a hospital courier transport box designed to hold several samples.

In this way the pouches can be used to meet the UN3373 regulations P650 packaging instruction for transport of category B biological samples by road.



- 95kPa pouches carry full instructions
- Areas to write sender and recipient details
- Check boxes for temperature requirements
- Unique sequential barcoded number for easy package recognition (with the exception of FS95-C5-PLAIN)
- C5 and C4 pouches have a document wallet on the reverse side
- For security, the flexible secondary pouches include a tamper evident seal
- Pouches can be purchased on their own or with appropriately sized absorbent in various pack sizes

95kPa ADR Pouches

Catalogue Number	Description	Pack Size
FS95-C3	Flexible Secondary 95kPa Pouch C3	250
FS95-C3-100	Flexible Secondary 95kPa Pouch C3	100
FS95-C4	Flexible Secondary 95kPa Pouch C4	500
FS95-C4-100	Flexible Secondary 95kPa Pouch C4	100
FS95-C5	Flexible Secondary 95kPa Pouch C5	1000
FS95-C5-100	Flexible Secondary 95kPa Pouch C5	100
FS95-C5-PLAIN	Flexible Secondary 95kPa Pouch C5 (No barcode)	1000
FS95-C6-100	Flexible Secondary 95kPa Pouch C6	100

95kPa ADR Pouches with Absorbent

For added convenience these pouches come complete with the appropriately sized absorbent sheet.



FS95-C4A-100

95kPa ADR Pouches with Absorbent

Catalogue Number	Description	Pack Size
FS95-C3A-100	Flexible Secondary 95kPa C3 200ml Absorbent	100
FS95-C4A-100	Flexible Secondary 95kPa C4 100ml Absorbent	100
FS95-C4A-500	Flexible Secondary 95kPa C4 100ml Absorbent	500
FS95-C5A-100	Flexible Secondary 95kPa C5 50ml Absorbent	100
FS95-C5A-1000	Flexible Secondary 95kPa C5 50ml Absorbent	1000
FS95-C6A-100	Flexible Secondary 95kPa C6 50ml Absorbent	100

Outer Packaging Solutions for Air or Road Transport

Labels and Seals

Labels can be purchased to add to your own packaging solutions which comply with the UN3373 regulations. Save time and effort with labels directly from a roll. Also available is the tamper evident security seal. This has a special adhesive to ensure it cannot be removed without being torn so it becomes immediately obvious if the package has been previously opened.

Labels and Seals

Catalogue Number	Description	Pack Size
LB001	Security Seal	1000
LB002	UN3373 Label Small 50mm x 50mm	1000
LB003	UN3373 Label Large 100mm x 100mm	1000
LB011-100	Human Exempt Specimen Label 50mm x 50mm - Roll	100
LB011-1000	Human Exempt Specimen Label 50mm x 50mm - Roll	1000



Medical Collection Containers

The MedDXTAINER Medical Collection Container is a popular choice with medical couriers and hospital transport. Used for the collection of multiple samples from off-site clinics and laboratories, this ABS rigid plastic carrier can be stacked and locked, enabling three or four units to be carried together. Regulatory compliant markings are visible on each container.

The medical collection container is regulatory marked and should be used in conjunction with a secondary packaging. If primaries are not 95kPa we advise the use of the 95kPa pouches to ensure compliance.

A range of additional options are available including shoulder straps, security components and EPP insulated liners for refrigerated shipments. Please enquire for details.



Medical Collection Containers

Catalogue Number	Description	Pack Size
MDXT-MINI3	MedDXTAINER MINI 3 Medical Collection Container Dimensions: 142 x 265 x 171mm	Each
MDXT3I	MedDXTAINER 3 Insulated Medical Collection Container Dimensions: 395 x 295 x 210mm	Each
MDXT-4	MedDXTAINER 4 Medical Collection Container Dimensions: 395 x 295 x 315mm	Each
MDXT4I	MedDXTAINER 4 Insulated Medical Collection Container Dimensions: 395 x 295 x 315mm	Each
MDXT-5	MedDXTAINER 5 Medical Collection Container Dimensions: 395 x 295 x 420mm	Each
MDXT5I	MedDXTAINER 5 Insulated Medical Collection Container Dimensions: 395 x 295 x 420mm	Each
MDXTI-DIV	Insulated Dividers for Medical Collection Container	2

Rigid Outer Boxes



Use these boxes when you need to tailor the packaging to exactly suit your needs. All boxes are supplied flat packed to minimise storage requirements and have full instructions for assembly. They can be used together with SpeciSafe® as well as with 95kPa pouches for either air or road transport.

The temperature protected shipping boxes are ideal for keeping samples cool during overnight transport. Quick and easy to use simply add the 300g frozen gel pack to the bottom of the pouch, add your samples in their secondary packaging, then the frozen second 400g gel pack. Fold the insulated liner and seal with the adhesive strip. Close the box and it's ready for shipment.

Rigid Outer Boxes

Catalogue Number	Description	Pack Size
RO-LL1	Rigid Box Dimensions: 192 x 147 x 24mm	35
RO-200G	Rigid Box Dimensions: 194 x 125 x 43mm	35
RO-330G	Rigid Box Dimensions: 194 x 125 x 68mm	35
RO-500G	Rigid Box Dimensions: 194 x 125 x 102mm	30
RO-1K	Rigid Box Dimensions: 251 x 194 x 102mm	30
TP-0135-10	Temperature Protected Shipping Box 210 x 160 x 100mm	10
TP-0135-100	Temperature Protected Shipping Box 210 x 160 x 100mm	100

Outer Packaging Solutions for Road Transport

Mailing Bags and Envelopes

When a 95kPa primary container is used with SpeciSafe® secondary packaging, the SpeciSafe meets the "rigid" requirements of the UN3373 regulations, hence only an outer flexible envelope is required to transport items by road. These flexible envelopes are made from lightweight polyethylene and used together with SpeciSafe can help to minimise postage costs, enabling many sample packages to be mailed at large letter rather than parcel rates.



Mailing Bags and Envelopes

Catalogue Number	Description	Pack Size
SH1000	UN3373 Labelled White Polyethylene C5 Size Envelopes	500
SH1010	UN3373 Labelled White Polyethylene C5 Size Envelopes	100
FO013-500	UN3373 Labelled White Polyethylene C4 Size Envelopes	500
FO013-100	UN3373 Labelled White Polyethylene C4 Size Envelopes	100
SH1210	UN3373 Labelled Polythene with bubble wrap liner Size 265 x 180mm	100

Off-the-Shelf or Customised for You

Combining SpeciSafe packaging with the primary sample containers and UN3373 labelled envelopes provides a convenient and complete solution. SpeciSafe and Envelopes can even be customised (except SH1200) with labels to include your required address. Ideal for clinical trials packs etc. Contact us to discuss your needs and obtain a quotation.

Complete Kits for Sample Collection and Transport

Complete Mailing Systems

These convenient sample transport complete systems make UN3373 compliance simple. They contain absorbent material, a 95kPa pressure tested secondary pouch, a rigid outer box and a security seal. They can accommodate all types of primary sample container. Use when your primary doesn't fit into any of the SpeciSafe® secondary sample transport clamshells, or when your primary is not certified 95kPa pressure resistant.

Available in a range of sizes, with an option for an insulated pack, simply pick the one which matches your requirements best. These sample collection kits are supplied flat packed to minimise storage requirements.



Complete Mailing Systems for Road Transport

Catalogue Number	Description	Box Size	Pouch Size	Absorbent Size	Additional Items	Pack Size
RF95-LL1	Rigid Flexible 95 LL1	192 x 147 x 24mm	C5 150 x 205mm	50ml 75 x 125mm	Security Seal	25
RF95-200G	Rigid Flexible 95 200G	194 x 125 x 43mm	C5 150 x 205mm	100ml 125 x 150mm	Security Seal	25
RF95-330G	Rigid Flexible 95 330G	194 x 125 x 68mm	C5 150 x 205mm	100ml 125 x 150mm	Security Seal	25
RF95-500G	Rigid Flexible 95 500G	194 x 125 x 102mm	C4 198 x 298mm	200ml 150 x 250mm	Security Seal	25
RF95-1K	Rigid Flexible 95 1K	251 x 194 x 102mm	C4 198 x 298mm	200ml 150 x 250mm	Security Seal	25

Complete Mailing Systems for Air Transport

Catalogue Number	Description	Box Size	Pouch Size	Absorbent Size	Additional Items	Pack Size
RF95-200G-IATA25	Rigid Flexible 95 200G	194 x 125 x 43mm	C5 178 x 286mm	100ml 125 x 150mm	Security Seal	25
RF95-330G-IATA25	Rigid Flexible 95 330G	194 x 125 x 68mm	C5 178 x 286mm	100ml 125 x 150mm	Security Seal	25
RF95-500G-IATA25	Rigid Flexible 95 500G	194 x 125 x 102mm	C4 264 x 368mm	200ml 150 x 250mm	Security Seal	25
RF95-1K-IATA25	Rigid Flexible 95 1K	251 x 194 x 102mm	C4 264 x 368mm	200ml 150 x 250mm	Security Seal	25

Complete Kits for Sample Collection and Transport

Tailor-Made Sample Collection and Transport Kits.

Do you collect samples from patients at home for return to a central location? Patients often find it difficult to understand the complex instructions required to ensure Dangerous Goods compliance for return of their samples. With several layers of packaging and sometimes multiple tubes and lancets, diagnostic or health screening kits can present a daunting prospect.

Samples which are incorrectly packaged may be received in a condition where they are unsuitable for testing. This can lead to samples needing to be re-taken which can be costly both financially and in terms of time.

Alpha Laboratories' bespoke sample collection and transport kits utilising the SpeciSafe® packaging system or ShuttlePouches can make this easier.

Kits can be tailor made to your exact specification containing everything required for collection of the specimen, plus a simple intuitive solution for sample return. All this can be presented in a small, smart bespoke package, enhancing your company image, and minimising transportation costs.



Clinical Trials Kits

Clinical trials programmes usually require the movement of biological samples from the patient or clinic to the testing laboratory, ensuring they are collected and received at the laboratory in the best possible condition. Whether blood, urine, faeces or tissue they need to be transported in accordance to strict regulations.

We help you to consider every aspect of the process: from the sample collection experience; regulatory compliance (eg UN3373, PI650); carrier handling processes; through to sample reception.

Working with you we will design and manufacture a tailored clinical trials kit solution that will help you achieve better quality samples and higher sample return rates.

We design, manufacture and assemble kits. We also manufacture many of the different components in Clinical Trial testing kits such as SpeciSafe® packs, absorbents, 95kPa pouches etc., which enables us to offer highly competitive pricing, a rapid response and faster bespoke solutions where required.

Contact us to discuss your Clinical Trials Kit Requirements.



Drug and Alcohol Abuse Kits

Working closely with global and independent drug and alcohol abuse testing organisations we can provide support by challenging some of the more traditional sample collection methodologies and processes.

Trusting us to develop and deliver intelligent solutions for your regulatory compliant sample collection kits, frees up more of your organisation's valuable resources and lowers costs.

Our solutions are designed to help you achieve the best quality samples and higher sample return rates: thus delivering a better service to your customers.

We can provide complete design, manufacturing and assembly of testing kits.

We can also source many of the different components in Drug and Alcohol Abuse Screening kits, at highly competitive pricing, providing a rapid response and faster bespoke solutions where required.

We will work with you to create a tailored solution that best suits your needs.

Contact us to discuss your Drug and Alcohol Abuse Kit Requirements.



Health Screening Kits

Alpha Laboratories can provide a complete compliant medical and diagnostic sample collection and transport packaging range and support service.

Providing components, complete collection kits and fulfilment services, our solutions meet UN3373 PI650 regulations, control cost and help to increase sample return rates.

Contact us to discuss your Health Screening Kit Requirements.



Sexual Health Kits

Working closely with the NCSP (National Chlamydia Screening Programme), our partners are continually developing the design of our sexual health kits to improve the end user experience.

With the breadth of testing increasing across HIV programmes and the growing home test market our expertise in regulatory compliant medical sample collection kits is particularly relevant.

Our support enables you to free up more of your organisation's valuable resources and reduce costs.

Our smart solutions are designed with a focus on helping you achieve better quality samples and higher sample return rates: thus delivering better patient healthcare.

Alongside the design, manufacture and assembly of kits, the manufacture of many of the different components in Sexual Health Screening kits, enables us to offer highly competitive pricing, a rapid response and faster bespoke solutions where required.

Contact us to discuss your Sexual Health Kit Requirements.



Disease Control Kits

A Various Government agencies are continuously involved in disease control and eradication activities. We can plan and develop solutions ready for each stage of the disease control process, allowing us to react quickly in the required volumes for the specific challenge.

Step 1 - Contingency: Availability of the best solution developed and in stock, immediately ready for the crucial early stages of outbreak: enabling very quick response times and planned, controlled costs.

Step 2 - Outbreak: Ready with smart solutions designed to maintain the integrity of the vital initial samples during extraction, movement and reception; thus helping to ensure early detection and identification.

Step 3 - Containment: Solutions designed to address the specific challenges related to collecting and extracting samples in situations where containment is necessary.

Step 4 - Eradication and monitoring: Providing solutions to support ongoing monitoring in order to achieve the ultimate goal of eradication.

Contact us to discuss your Disease Control Kit Requirements.



Proficiency Testing Kits

Our partner already supplies a number of world-class proficiency testing organisations with high quality solutions to ensure that test samples consistently arrive at the laboratories intact and in premium condition. The quality of our packaging is reflective of the crucial services being tested.

Our solutions are designed and manufactured with a focus on helping to achieve the best quality samples and ultimately deliver better patient healthcare.

We understand that your needs and those of your stakeholders are unique and we never try to convince you that one size fits all.

Contact us to discuss your Proficiency Testing Kit Requirements.



Food and Water Testing Kits

We offer test kits and packaging systems designed to facilitate the testing of water from various sources (sewerage/water refining plants/air-conditioning systems/condensers/cooling towers) in order to prevent and control disease outbreaks. We also supply solutions to support meat plants, food retailers and laboratories in the provision and transport of samples for routine food testing to detect potential threats to public health.

Trusting us with this part of the process enables you to free up more of your organisation's valuable resources and reduce costs.

Our solutions are designed and manufactured with a focus on achieving the best quality samples and ultimately supporting improved public health.

Contact us to discuss your Food and Water Testing Kit Requirements.



Kit Fulfillment

Trusting us with your regulatory compliant (eg UN3373, PI650) medical sample collection kit fulfillment process enables you to free up more of your organisation's valuable resources and reduce costs.

We understand you may have concerns about handing over your entire kit fulfillment process to an outside company. However, you can be reassured that we have the expertise, knowledge, training, quality processes and attention to detail required to provide the very best service on your behalf.

We can provide/offer various fulfillment solutions, including:

- Kit refurbishment
- Stock call-off
- Logistics and delivery services, including a Direct to Patient service

We work on your behalf to develop regulatory compliant smart solutions to address your specialist needs and help you to increase efficiency and reduce overall costs.

Contact us to discuss your Kit Fulfillment Requirements.



UN3373 Sample Transport Training Seminar

Training for UN3373 Compliance and Safe Transport of Biological Samples

Often, in today's busy laboratories many biohazardous samples are sent through the post or by courier, to central testing facilities. Understanding all the details of how to package these samples to ensure compliance with UN3373 regulations can be difficult.

Correct and compliant packaging is essential to guarantee samples reach their destination in good condition, and that the safety of personnel handling the parcel along its route is not compromised.

Learn how to prevent risks, ensure your compliance and meet your responsibilities for bio-packaging by attending an Alpha Laboratories Sample Transport Seminar.

What is a Sample Transport Seminar?

Alpha Laboratories offers a training programme known as a Sample Transport Seminar.

The programme is focused on the UN3373 regulations and the Transport of Biological Substances, Category B.

Presented by an Alpha technical specialist, certified in The Carriage of Diagnostic and Infectious Substances, through a CAA approved course, the training can help you to understand your responsibilities in packaging samples for transport. Through a combination of presentations and practical activities you will learn valuable information on how to ensure your samples are always packaged in a compliant manner.

At the Sample Transport Seminars You Will Learn:

- Your responsibilities when packaging samples for transport and the risks associated with non-compliance
- How to classify human or animal samples according to the Dangerous Good Regulations
- How to package samples to UN3373 standards for air (IATA) or road (ADR) transport requirements
- What is meant by "exempt" samples
- Correct labelling procedures
- About different types of packaging

How to Arrange Your Sample Transport Seminar

Seminars are held on-site at your own premises at a time and venue which is convenient to you. All you need is a group of 10 to 16 colleagues who are interested in attending.

Training can also be arranged by a TEAMS call, but it will not be possible to complete the practical sessions, which many attendees feel they get a lot of benefit from, when trained in this manner.

Either complete the on-line form at www.alphalabs.co.uk/sample-transport-seminars or contact your local Alpha representative to discuss your needs and make the arrangements.



Notes

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Notes

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alpha laboratories

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