

PBI LABORATORY GAZETTE

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BIOLOGICAL SPECIMEN TRANSFER (cod. 23144)



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BIOLOGICAL SAMPLES AND ANTIBLASTIC DRUGS TRANSFER (cod. 29897)



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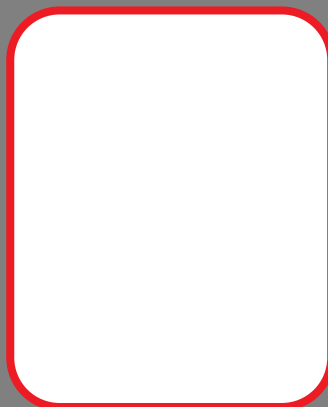
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ANTI-TAMPERING BAG FOR HOSPITAL (cod. 29259)



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INSULATING CARRIER FOR SPECIMEN TRANSFER (cod. 39179)



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SHIPPING BIOLOGICAL SAMPLES AND INFECTIOUS SUBSTANCES

Which are the rules regulating the shipment of biological samples in Europe and the world?

The World Health Organization has published the Guidelines for the safe transport of infectious biological substances - WHO/EMC/97.3. The ADR adopted by the European Union for the safe transport of biological infectious substances.

What objectives do these standards aim to achieve?

Ensure the safe handling, storage and transport of biological substances. Prevent the escape of infectious agents into the environment. Ensure the safe handling of biological substances in the laboratory.

ADR 2007 Classification

For the safe transport of infectious biological substances, A and B:

Class A includes biological substances that are highly infectious, highly pathogenic, and highly resistant to environmental conditions. **UN 2814 "substance infectious to man"** and **UN 2900 "substance infectious only to animals"**.

Class B includes infectious biological substances that are less infectious, less pathogenic, and less resistant to environmental conditions. **UN No. 3373** is the official designation: **BIOLOGICAL SUBSTANCE, B CLASS**.

What type of packing should we use?

INFECTIOUS SUBSTANCES

When shipping infectious biological substances, the following packaging requirements must be followed:

1. **Primary container:** The primary container must be leak-proof and made of leak-proof material. It must be airtight and leak-proof. The absorbent material must be placed between the primary and secondary containers.

2. **Secondary or intermediate container:** This container must be leak-proof and made of leak-proof material. It must be airtight and leak-proof. The primary container must be placed inside the secondary container. The secondary container must be able to withstand a pressure of 95 kPa (it can be made according to the ADR adopted) and a temperature of 40°C + 55°C.

3. **Outer shipping package:** The secondary container must be placed inside the outer shipping package, which must be leak-proof and made of leak-proof material.

