



VACUETTE® Transport Line

Send Samples Safely

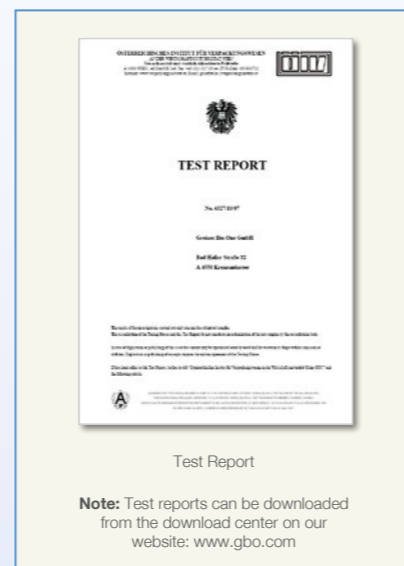


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With the increase in collaborations in the laboratory sector, as well as the rising trend in healthcare towards centralisation, transport of specimen material over longer distances is more and more a necessity.

The **VACUETTE®** Transport Line products allow for the secure transport of Biological Substances (UN 3373) Category B - from collection of the specimen right up to analysis in the laboratory. Each individual component of the transport line, consisting of primary vessel, secondary packaging and outer packaging (third packaging), corresponds to ADR/RID (packaging instructions P650), IATA-DG, ICAO-TI and IMDG-Code. The Transport Systems have been tested by an independent accredited institution.



Test Report

Note: Test reports can be downloaded from the download center on our website: www.gbo.com

Flexible product solutions for all requirements



472001 / 472040

Dimensions: 270 x 125 x 180mm (length x width x height)

VACUETTE® Transport Box (VTB)*

- Robust polypropylene box, for transport of up to 40 tubes
- With practical snap closure
- Leak-proof, due to sealing ring and absorbent pad
- Foam insert suitable for tube diameters of 9 – 16mm
- Stackable
- Separate slot for cooler pack



472011

GBO Rack for Blood Collection Tubes

- For loading blood collection tubes with outer diameter 11mm – 17mm in position
- Can be slotted exactly into the position tracks in the **VACUETTE®** Transport Box (VTB)
- Autoclavable
- Can be washed with standard cleaning and disinfecting solutions
- Can also be used for archiving samples



800105 / 800110

Dimensions: 112 x 130 mm (diameter x height)

VACUETTE® Transport Container (VTC)*

- Handy sized polypropylene container
- For transport of up to 12 tubes
- With screw cap and absorbent pad
- Foam insert suitable for tube diameters of 9 – 16mm

* Please note, that the **VACUETTE®** Transport Box (VTB) and **VACUETTE®** Transport Container (VTC) only fulfil ADR/RID, IATA-DG, ICAO-TI and IMDG-Code regulations if used with the appropriate transport carton or carrier bag, and that Greiner Bio-One does not take the responsibility for inappropriate transport. The regulations are applicable for public transport by road, rail, air and/or ship. For transport within the facility grounds it is not required to use an approved outer packaging.

In addition to plastic transport containers, Greiner Bio-One can also offer isothermal bags for transport of samples. When used with cooler packs, the bag material helps keep the samples cooled.



Isothermal Carrier Bags

- Isolating material for cooled sample transportation
- Available in four sizes
- Complies with packaging instruction P650 (ADR/RID, IATA-DG, ICAO-TI and IMDG-Code)
- As third packaging (outer packaging) in place of transport carton
- Round, dark blue bag for 1 VTC
- Rectangular, dark blue bag for 1 VTB
- Rectangular, dark blue bag for 3 VTB
- Rectangular, dark blue bag for 4 VTB
- Able to keep temperature below 8 °C for several hours (with proper cooler packs)



Cooler Pack and Cooler Pad

- Cooler Pack ideal for inserting in the **VACUETTE**® Transport Box (VTB) and Isotherm Transport Bags
- Cooler Pad (round) ideal for inserting in the **VACUETTE**® Transport Container (VTC)
- Extra flat - rechargeable in refrigerator
- Special cooling material - keep specimens cool
- Cooler Pack conform to DIN 18864



Transport Cartons

- Specially reinforced transport carton suitable for **VACUETTE**® Transport Box (VTB)
- Specially reinforced transport carton suitable for **VACUETTE**® Transport Container (VTC)

Be sure to transport samples correctly:

In accordance with ADR/RID, IATA, IMDG-Code and the ICAO-TI, transport containers for shipping Biological Substances, Category B (UN 3373) must consist of 3 components. Greiner Bio-One offers systems consisting of 3 components that are suitable for the transport of diagnostic specimens (UN 3373 - Biological Substance, Category B).



VACUETTE® Blood Collection Tube or **VACUETTE**® SECONDARY Tube with Screw Cap

Withstands a pressure difference of at least 95kPa.

VACUETTE® Transport Box (VTB) or **VACUETTE**® Transport Container (VTC)

Is liquid-tight, contains foam and absorbent material.

Carton or isothermal transport bag (envelope / metal container)

The "UN 3373" symbol together with the text "Biological Substance, Category B" is printed on it.

Item numbers 472001 (**VACUETTE**® Transport Box) and 800101 (**VACUETTE**® Transport Container) already include the corresponding shipping carton (either HK0259 or HK0190). The isothermal carrier bags 472020 and 472022 can also be used as 3rd packaging instead of the transport cartons.

Ensure safe transport in accordance with the applicable guidelines by using the product solutions from Greiner Bio-One.



Temperature Monitoring Unit

ThermoScan - Temperature Monitoring Unit

The Greiner Bio-One ThermoScan Temperature Monitoring Unit allows the users to monitor and record the temperature. It can be used in hospitals, labs, dispensaries, pharmacies, courier or delivery services, etc.; wherever the temperature needs to be monitored and recorded by a monitoring device.



- Temperature range: from -40 °C bis +85 °C
- Accuracy of +/- 1 °C
- Programmable low and high alarm thresholds for delayed measurement start
- Records date and time
- Battery life up to 7 years
- Temperature given in 0.5 °C intervals
- Number of measurements: 2048
- Sample cycle: 1 to 255 min
- Easy-to-use
- Space-saving design
- Calibration certificate provides assurance on the reliability of the temperature recording

Consists of:

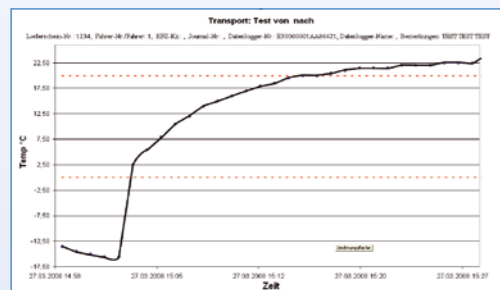
- 1 x Software/Driver
- 2 x Temperature loggers (sensor) (loggers also available individually)
- 1 x BlueDot Reader unit with USB port
- 2 x Clips for loggers (individually available)

Temperature Logger (Sensor)

Available as Set "ThermoScan" or individually

The temperature logger measures just 17mm in diameter and is 6mm thick. It is a sensor that records and documents the temperature over a time period. This data can be called up for easy processing in a Microsoft® Excel file. The temperature loggers can be used to track all thermally vulnerable products to monitor correct observation of the cold chain.

It can be attached (e.g. by adhesive tape) unobtrusively to almost any containers' surface, e.g. transport boxes, bottles, boxes, pallet containers, refrigerators etc. The stainless steel casing withstands dirt and moisture.



The following components are built into the logger:

- Thermometer
- Transmitter/receiver
- Globally unique serial number
- Clock/calendar
- Thermal history log
- 512 bytes additional memory for user info (Option to use additional memory for programming traceability and product identification data (control, sample number, location, product ID, customer, etc.).)

VACUETTE® Transport Line

Item No.	Description	Packaging	
		Inner	Outer
VACUETTE® Transport Box (VTB)			
472001	VACUETTE® Transport Box (VTB) incl. Foam Insert for 40 Tubes, <u>with</u> Transport Carton HK0190	1 pc.	10 pcs.
472040	VACUETTE® Transport Box (VTB) incl. Foam Insert for 40 Tubes, <u>without</u> Transport Carton HK0190	1 pc.	10 pcs.
472010	Foam Insert for VACUETTE® Transport Box (VTB) grey, for 40 Tubes (all sizes)	1 pc.	168 pcs.
472011	GBO Rack for Blood Collection Tubes, 10 positions, autoclavable	1 pc.	100 pcs.
472016	Cooler Pack for VACUETTE® Transport Box (VTB), light blue	1 pc.	104 pcs.
472020	Carrier Bag for 1 piece VACUETTE® Transport Box (VTB) Isotherm, small, dark blue	---	1 pc.
472023	Carrier Bag for 3 pieces VACUETTE® Transport Boxes (VTB) Isotherm, medium, dark blue	---	1 pc.
472024	Carrier Bag for 4 pieces VACUETTE® Transport Boxes (VTB) Isotherm, big, dark blue	---	1 pc.
HK0190	Mailing Carton 270x127x183, brown one-tone-printed for VTB	---	1 pc.
VACUETTE® Transport Container (VTC)			
800105	VACUETTE® Transport Container (VTC) incl. Foam Insert for 12 Tubes, <u>with</u> Transport Carton HK0259	1 pc.	12 pcs.
800110	VACUETTE® Transport Container (VTC) incl. Foam Insert for 12 Tubes, <u>without</u> Transport Carton HK0259	1 pc.	12 pcs.
800101	Foam insert for VACUETTE® Transport Container (VTC) 107x50 for 12 tubes	1 pc.	20 pcs.
472017	Cooler Pack for VACUETTE® Transport Container (VTC), light blue	1 pc.	200 pcs.
472022	Carrier Bag for 1 piece VACUETTE® Transport Container (VTC) Isotherm, small, dark blue	---	1 pc.
HK0259	Mailing Carton, 110x110x140mm, brown one-tone-printed for VTC	---	1 pc.
Accessories VACUETTE® Transport Line			
472015	VTB/VTC Absorbent Pad, Sorb 140		100 pcs.
HE4723	Package label "UN 3373, Biological Substances, Category B" 65mm x 65mm, Polyester 50my white		1 Roll (1000 pcs.)
472200	ThermoScan Temperature Monitoring Unit <u>without</u> calibration certificate includes 2x Logger, 1x Reader, 1x Software		1 pc.
472201	ThermoScan Temperature Monitoring Unit <u>with</u> calibration certificate includes 2x Logger, 1x Reader, 1x Software		1 pc.
472202	Temperature Logger for ThermoScan <u>without</u> calibration certificate		1 pc.
472203	Temperature Logger for ThermoScan <u>with</u> calibration certificate		1 pc.
472204	Clips for ThermoScan Temperature Logger, black, spare part		10 pcs.



For further information, please visit our website www.gbo.com/preanalytics or contact us:

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