

Here you can find the ideal tube for your needs

Your **Power** for Health



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**Packed in carton packages:**

For automated aliquoting from primary to secondary tubes

**SECONDARY Tube SIMPLEX PET**

Non-ridged

Packaging: Inner 496 pcs. Outer 1984 pcs.

459020	<b>SECONDARY Tube SIMPLEX RD*</b> PET 13x75mm, without cap
459021	<b>SECONDARY Tube SIMPLEX BC**</b> PET 13x75mm, without cap

\* designed for Roche PVT instrumentation (cobas p612)

\*\* designed for Beckman Coulter (Olympus) instrumentation (AutoMates 1250 + 2550)

**Packed in bags**

**SECONDARY Tube MULTIPLEX PP PREMIUM**

Packaging: Inner 500 pcs. Outer 2000 pcs.

459000	<b>SECONDARY Tube MULTIPLEX PP</b> 13x75mm, with white Screw Cap
459001	<b>SECONDARY Tube MULTIPLEX PP</b> 13x75mm, with orange Screw Cap
459010	<b>SECONDARY Tube MULTIPLEX PP</b> 13x75mm, without cap

**SECONDARY Tube MULTIPLEX PET PREMIUM**

Packaging: Inner 500 pcs. Outer 2000 pcs.

459011	<b>SECONDARY Tube MULTIPLEX, PET</b> 13x75mm, without cap
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**Suitable for MULTIPLEX PET (not for PP)**

**Snap Caps**

Packaging: Inner 1000 pcs. Outer 5000 pcs.

371516	Snap Cap, white
371517	Snap Cap, green
371518	Snap Cap, yellow
371519	Snap Cap, royal blue
371522	Snap Cap, red
371523	Snap Cap, lavender
371527	Snap Cap, pink

**Suitable for MULTIPLEX and SIMPLEX (459021)**

**Screw Caps**

Packaging: Inner 1000 pcs. Outer 5000 pcs.

371208L	Cap, orange
	Other safety screw caps and colours are available on request



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**VACUETTE®  
SECONDARY Tubes  
SIMPLEX**

Improve laboratory automation with their versatile application



980281 rev.01, 10.2014 e



# VACUETTE® SECONDARY Tubes SIMPLEX

Laboratory automation continues to progress, and the samples turnover is also on the rise. In order to encourage efficient procedures in the laboratory, Greiner Bio-One has developed the new **VACUETTE® SECONDARY** Tubes. The greatest advantage of this new product line is its versatility.

✓ **VACUETTE® SECONDARY** Tubes made of PET or PP offer the following advantages:

- ✓ shatter-proof
- ✓ impermeable
- ✓ easy to open
- ✓ transparent (PET)
- ✓ versatile
- ✓ safe to transport
- ✓ inert (tube material does not react with other substances)
- ✓ cold-resistant (for freezing)
- ✓ packed in a practical and environmentally aware way

✎ **VACUETTE® SECONDARY** Tubes made of PET or PP are perfect for following applications in and out of the laboratory:

- ✎ for aliquoting
- ✎ for centrifugation (4400 g for 30 minutes)
- ✎ for freezing (PP and PET -80°C)
- ✎ for pooling
- ✎ for transport
- ✎ for heating (PP +121°C - PET +50°C)
- ✎ for storage

## VACUETTE® SECONDARY Tubes SIMPLEX

The non-ridged version of the SIMPLEX tubes was developed for application in pre-analytical sample processing systems.

They are specially packaged in environmentally friendly cartons. Since they are already packed in alignment, they can be transferred directly to the storage container (plastic or metal box) of the pre-analytical sample processing system. This is especially practical and saves valuable working time. SIMPLEX tubes are manufactured from PET.

For easiest possible handling, the box lid can be removed via the perforations (steps 1 and 2). In addition, the carton features flaps that open horizontally, intended to facilitate pulling the carton out of the storage container (step 3).

## VACUETTE® SECONDARY Tubes MULTIPLEX

MULTIPLEX tubes are available in sealed plastic bags for manual application. They are available with or without caps in PET or PP plastic.

The PREMIUM tube with safety screw cap is especially suitable for safe sample transport.

... Improve laboratory efficiency with their multi-purpose capability

VACUETTE® SECONDARY Tubes in the SIMPLEX box packaging



Remove lid and fold out the side flaps.



Place tube container over the box packaging.



Turn over the tube container and box packaging, and then pull the box out by using the side flaps.



## Quality Standards

When used in combination with screw caps, both SIMPLEX and MULTIPLEX tube types fulfil the IATA guidelines (95 kPa) for secure sample transport and are conform to CLSI Standard AUTO01-A.

## Packaging Types

Two different material and packaging options guarantee maximum flexibility for all applications. The following overview is a comparison of SIMPLEX and MULTIPLEX.

## Differences SIMPLEX & MULTIPLEX

	SIMPLEX	MULTIPLEX
Tube type	Non-ridged 	PREMIUM 
Size	13x75 mm	13x75 mm
Material	PET	PET & PP
Packaging	packed in box, ready stacked	Bulk backed in bag
Aliquoting	automatic for pre-analytical sample processing systems	manual
Analyzer AUTO01-A Standard	yes	yes
Safety Twist Cap	only for 459021	for all versions
Snap Cap	only for 459021	only for PET