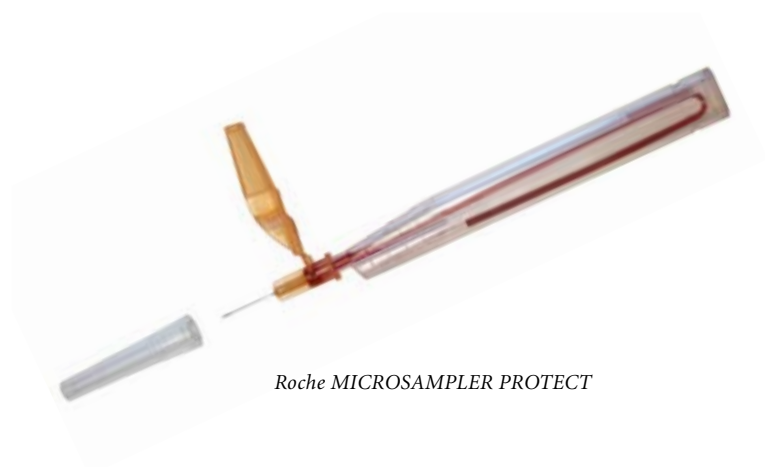




Sampling devices in critical care
Complete your blood gas system



A broad range of safety collection devices to improve your safety



Roche MICROSAMPLER PROTECT



Clot catcher



Clot catcher PRO

Specialist collection devices

Roche MICROSAMPLER PROTECT blood sampling device

Therapists like a quick procedure and accurate results.

Patients like a less traumatic, less painful puncture with one of the smallest gauge needles in the industry. The innovative design and function allow you to provide the best in patient care. The fast, single step procedure fills automatically with minimal arterial pressure and offers sample stability to meet your most exacting standards.

Prevention of needle stick injuries

The one-hand operable safety needle of the MICRO-SAMPLER PROTECT guarantees 100% OSHA and TRPA250 compliance. In addition the integrated plastic capillary reduces the risk of biohazardous contamination compared to glass capillaries that could break.

The transparent housing allows a better visibility of the blood flow through the capillary and helps to control the fill level.

Clot catchers

Helping to reduce the problem of difficult samples.

Clot catchers can be used as an extra precaution to avoid clots entering the analyzer. Clot catcher for injection and aspiration.

Clot catcher

for use with:

- **cobas b** 221 POC system
- capillaries and syringes (injection mode)
- **cobas b** 121 POC system

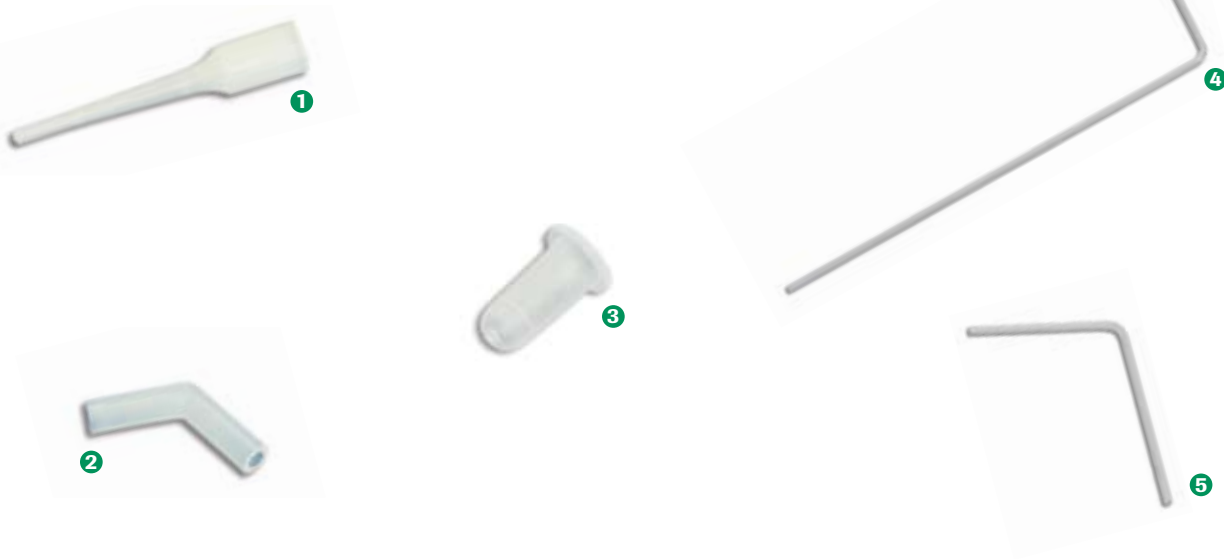
Clot catcher PRO

for use with:

- **cobas b** 121 POC system
- **cobas b** 123 POC system

Easier sample handling across the portfolio range of the blood gas analyzers

Sampling accessories



Accessories

1 Adapter for capillaries

Reducing the risk of clotting across the range of blood gas and electrolyte analyzers. Adapter for sample introduction in pH / blood gas instruments [94x, 99x, AVL COMPACT 1-3, AVL OMNI.

cobas b 121 POC system/Roche OMNI C system and **cobas b 221** POC system/Roche OMNI S system].

2 Adapter for capillaries

Reducing the risk of clotting across the range of blood gas and electrolyte analyzers. Adapter for sample introduction in electrolyte instruments [98x, 988-x and 91xx].

3 Caps for Roche MICROSAMPLER PROTECT

Improving blood collection safety.

4 Adapter for sample containers (not heparinized)

Facilitating sampling for further types of sample containers. Adapter for direct sample introduction from vacutainer or bottles (e. g. deproteinizer).

5 Ampoule adapter (not heparinized)

Enable manual and external QC sampling. Ampoule adapter for direct aspiration of quality control and calibration solutions from ampoules into the instrument.

Blood sampling devices



Capillaries

A range of both glass or plastic capillaries to meet your needs.

Our balanced heparin blood gas capillary tubes are ideal for those analyzers that support tests for multiple analytes in addition to traditional blood gas tests.

We now offer 100% plastic for safer blood collection reducing the risk of clotted samples. Our plastic capillary tubes provide the same capillary action as glass without the potential risks.

TRPA250 compliance. In addition the integrated plastic capillary reduces the risk of biohazardous contamination compared to glass capillaries that could break. The transparent housing allows a better visibility of the blood flow through the capillary and helps to control the fill level.

BS2 Blood Sampler

Supplied in bulk for convenience.

The BS2 Blood Sampler is well suited for critical care testing samples (arterial and venous). 2 mL natural sample size.

Eliminating pre-analytical errors for the best patient outcome



BD Eclipse™

BD Eclipse™ safety needle for arterial blood collection

Integrated safety

- The safety shield is an integrated part of the device, not an accessory
- The needle bevel and safety shield are in alignment
- No extra manipulation needed

Enhanced safety

- Locking mechanism is visually and audibly confirmed
- Immediated activation at needle withdrawal
- Irreversible locking mechanism

One-handed technique

- No change in the collection technique
- Digital pressure to puncture site allowed while neutralising the needle point



BD critical care collection syringes



BD critical care collection syringes

Quality syringe with spray dried balanced lithium heparin

- Eliminates errors due to dilution and electrolyte binding
- Spray drying facilitates dispersion of the anticoagulant
- Enhanced sample stability and quality

High concentration of anticoagulant

- Within IFCC standards
- Minimizes clots formation

Ready-to-use devices

In a variety of combinations and sizes that address both percutaneous sampling and sampling from an arterial line

BD A-Line™

Designed specifically for aspiration of blood samples from arterial lines.

BD Preset™

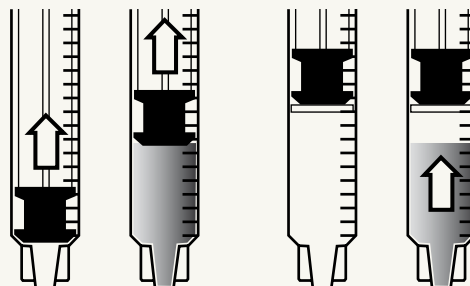
Designed specifically for automatic fill, permits aspiration when necessary.

BD Luer-Lok™ syringe

- Recommended for a secured connection of the syringe to any device (line septum, needle, tip cap...)
- Prevents unexpected disconnection during sampling and handling
- Ensures airtight and leakproof sample through all steps

Aspiration

For specific patient conditions and emergencies, blood can be drawn manually by aspiration



Automatic fill

The syringe plunger is to be set to the recommended volume before sampling. As arterial blood fills the syringe, the residual air is expelled through the self-venting membrane that seals automatically upon blood contact

Critical care sampling devices

Specifications

Product No.	Description	Pack size	Needle Gauge	Heparin concentration
MICROSAMPLER PROTECT				
05772494001	MICROSAMPLER PROTECT, non sterile	200	25 gauge	6 IU balanced sodium heparin and 9 IU balanced lithium heparin/100 µL
05772583001	MICROSAMPLER PROTECT, sterile	50	25 gauge	6 IU balanced sodium heparin and 9 IU balanced lithium heparin/100 µL
05772591001*	Kit Roche MICROSAMPLER PROTECT USA	50	25 gauge	6 IU balanced sodium heparin and 9 IU balanced lithium heparin/100 µL
03112152180	Caps for Roche MICROSAMPLER PROTECT	300		
Clot catchers				
03112012180	Clot catcher	250		
05689856001	Clot catcher PRO	100		
Syringes				
04579666001	1 mL BD Drihep A-Line syringe	100		30 IU balanced
04579674001	3 mL BD A-Line balanced heparin with slip tip (No needle)	100		80 IU balanced
04641230001	3 mL BD A-line balanced heparin with Luer-Lok (No needle)	100		80 IU balanced
04579682001	1 mL BD Preset balanced heparin with Luer-Lok with needle	100	23 gauge	30 IU balanced
04579704001	3 mL BD Preset balanced heparin with Luer-Lok with BD Eclipse safety needle	100	22 gauge	80 IU balanced
03113493035	BS 2 - Blood Sampler (2 mL syringe)	1000 (20x50)		30 IU balanced
Capillaries				
03113477180	Capillary tubes 200 µL	(4x250)		6 IU balanced sodium heparin and 9 IU balanced lithium heparin/100 µL
03113507035	Capillary tubes 115 µL	(4x250)		6 IU balanced sodium heparin and 9 IU balanced lithium heparin/100 µL
03113647035	Caps for capillary tubes	500		
03113817035	Capillary adapter	1000		
05174791001	Plastic capillary tubes 140 µL	(4x250)		6 IU balanced sodium heparin and 9 IU balanced lithium heparin/100 µL
05174830001	Sterile capillary holder (with included 140 µL size plastic capillary)	1 piece		
Collection accessories				
03066762001	Ampoule adaptor	150		
03112101180	Adapter for sample containers	150		
03140865001	Kit, Autosampler cups 2 mL	100		

*For US only

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