

Rocket FBS Lactate Kits

INSTRUCTIONS FOR USE

Indications: These instructions apply to Rocket Fetal Blood Sampling Kits for Lactate measurement and derivatives. Procedure kit for single patient use, to obtain up to 5 fetal blood lactate samples in cases of suspected fetal distress during labour. If additional sampling is necessary or if labour is protracted, a further pack may be required. This device should only be used by or under the supervision of trained personnel and in conjunction with current clinical practice guidelines such as: **NICE Guidelines No. CG190:2017 'Intrapartum care of healthy women and their babies during childbirth' (as amended)**.

Contraindications: This procedure is contraindicated with placenta previa, when identification of the presenting part is uncertain, in the presence of genital infections (e.g. herpes, Group B streptococcus, gonorrhoea, HIV/AIDS and Hepatitis B) or where the mother is a confirmed carrier of haemophilia and the fetus is either affected or of unknown status.

Preparation:

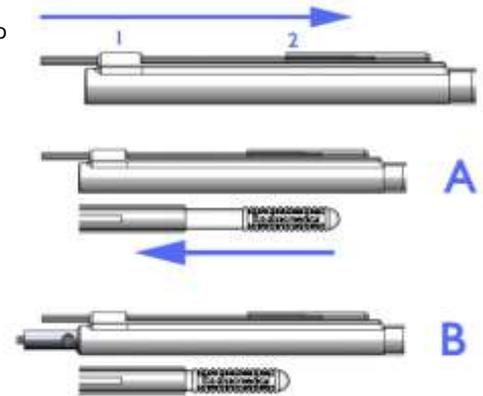
- Using aseptic technique, remove the kit from outer bag and unfold outer drape to form a sterile field.
- Follow local hospital procedure to prep the perineum and vagina using an approved antibacterial solution.

For R57028 Basic FBS Lactate Kits:

- Unpack one FBS blade and using a clockwise rotating action locate the screw securely into the blade holder. Fit a plastic capillary tube into the separate tube holder

For R57028-00-SW Rocket Lactate Kits with Sampling Wand:

- Select a capillary tube from the tube in the kit and load into the holder. Locate the end of the tube into the holder at ❶ and then gently advance into the rear tube grip at ❷. Ensure the tube is secure before sampling.
- The sampling wand comes pre-fitted with an FBS blade. Lightly holding the shaft and rear finger grip (A), push the grip forward to expose the blade (B). **Ensure the blade is locked forward before use.**
- Locate the Amnionite over the slot in the endoscope and push gently to engage. The light will activate when the light source is correctly fitted. Remove by pushing off with the thumb.
- Insert endoscope complete with obturator into the vagina against the fetal presentation. Remove obturator. Position the bevelled end by rotating endoscope to obtain the best possible seal against the fetal presentation.
- Clean puncture area with the x-ray detectable gauze swabs and forceps provided.
- With a clean swab stick, apply a *thin* layer of petroleum jelly (supplied) to the puncture area to promote blood aggregation.
- IMPORTANT:** Remove excess petroleum jelly with a new dry swab stick before skin puncture.
- Perform skin puncture through the endoscope using the FBS blade holder or Sampling Wand. Either ❶ make a vertical stab, rotate the blade 90° and make a second stab to form a cross or ❷ make a vertical stab, then angle the blade upwards and extend using the front edge of the blade to produce a single incision 4-5mm long. Always wait for a good sized (3-4mm) bead to form on the surface before collection. Never slash at the scalp and avoid multiple small stabs.



CAUTION: DO NOT USE ETHYL CHLORIDE SPRAY – this may adversely affect the internal surface of the plastic amnioscope

CAUTION: Avoid fetal face, fontanels or genitalia. Rocket® FBS blades have a maximum depth of penetration of 2.2mm

- For Nova Biomedical StatStrip® Lactate, Lactate Express and similar low volume lactate monitors requiring 2-10µl samples fill the distal 1-2cm of the sampling tube only.
- Attach a Rocket Capillary Tube Dispenser to the proximal end of the tube
- Following the manufacturer's instructions, insert a test strip into the analyser and squeeze the bulb to dispense a suitable bead of blood onto the test strip. Complete the analysis.



CAUTION: Do NOT use the sample if the blood clots

CAUTION: Do not shake the filled collection tube or use wires and magnets to mix heparin.

Use of these techniques may cause air entrainment into the sample. Samples containing air bubbles may be rejected by the analyser.

Post sampling:

- Haemostasis is accomplished by applying pressure to fetal puncture site with a swab for one full contraction.
- If test results so indicate, repeat procedure.

For Single Use Only. Do not reuse on another person, reprocess or re-sterilise as doing so may compromise the structural integrity of the device, leading to device failure; potentially the cause of serious harm to patients and users. Reuse, reprocessing or re-sterilisation may also result in serious harm to patients and users from cross contamination and infection with transmissible diseases.

Disposal:

This device should be handled and disposed of in accordance with local hospital policy and with regard to all applicable regulations, including but without limitation to, those pertaining to human health & safety and care of the environment



This device is not manufactured with natural rubber latex



Rx ONLY



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DO NOT RESTERILISE

Unless opened or damaged, contents of package are sterile.
Store at room temperature. Avoid prolonged exposure to elevated temperatures.

NOT FOR LONG TERM USAGE



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Rev. 05

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