



Fetal Blood Sampling Kit (8002)

INDICATIONS:

Procedure kit for single patient use, to obtain up to 5 fetal blood pH/gas samples in cases of suspected fetal distress during labour.

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. 55: CG190:2017 'Intrapartum care of healthy women and their babies during childbirth' (as amended).

CONTRAINDICATIONS:

This procedure is contraindicated in 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.

Contents:

- 1 x Natawand™ combined fetal blood sampler & capillary tube holder
- 1 x Natalux™ self illuminating amnioscope
- 1 x double ended capillary tube holder
- 5 x heparinised 130µl capillary tubes
- 10 x capillary caps
- 5 x clot catchers/adaptors
- 5 x magnetic mixing wires
- 1 x 3g tube petroleum jelly BP.
- 5 x long cotton buds

assembled into a tray with recess for cleansing fluid, wrapped in sterile surgical drape

CODE: R57029-NUSX



Li-ion



DO NOT USE IF PACKAGING IS OPENED OR DAMAGED

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.



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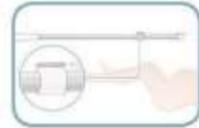
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Instructions for Use

Using aseptic technique, remove the kit from outer bag and unfold outer drape to form a sterile field. Insert a capillary tube into sampling tube holder. Ensure the tube is secure.



Follow local hospital procedure to prep the perineum and vagina using an approved antibacterial solution.



Insert an obturator into the amnioscope. Slide the light module into the recess to activate the light. When not in use, remove the light module to preserve battery life.



Insert amnioscope complete with obturator into the vagina against the fetal presentation. Remove obturator. Position the bevelled end by rotating the amnioscope to obtain the best possible seal against the fetal presentation.



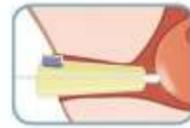
Clean puncture area with gauze swabs and forceps provided



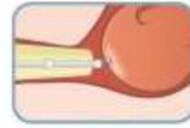
Advance the blade carrier on the fetal blood sampler until it clicks into place. Ensure the protruding blade is secure.



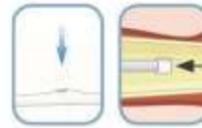
With a clean swab stick, apply a thin layer of petroleum jelly to the puncture area to promote blood aggregation. Remove excess petroleum jelly with a new dry swab stick before skin puncture.



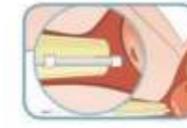
Perform skin puncture through the amnioscope using the fetal blood sampler to make a vertical incision. Rotate the blade 90° and make a second incision to form a cross.



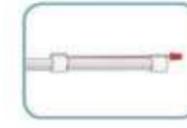
Depress the button to retract the FBS blade to the safety position.



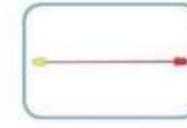
Rotate the sampler to collect the blood. Always wait for a good sized (3-4mm) bead to form on the surface before collection.



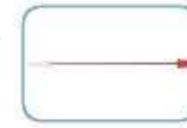
Rapidly collect blood sample, filling the tube completely, without air bubbles.



Remove tube from holder and cap both ends with covers supplied. Take to the analyser immediately.



If recommended by the analyser manufacturer, add a mixing wire to the sample tube and gently mix. Remove the mixing wire and attach a clot catcher to the tube end prior to inserting into the analyser port.



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.

CAUTION: Failure to use correct blood volume, select correct analysis mode or the use of clotted or contaminated samples may lead to errors in results or rejection of the whole sample. Carefully follow the analyser manufacturer's instructions.

IMPORTANT: This kit is designed for use with generic blood gas analysers where precision volume samples are NOT required.

For blood gas analysers requiring precision volume samples please contact Customer Services or your supplier for advice on the correct precision volume kit.