

SPECIMEN COLLECTION DEVICES

Ideal for newborn metabolic screening
and hereditary diseases testing



Use of LTA Specimen collection devices

LTA specimen collection devices (CE-IVD marked) are ideal for the collection, transport, analysis and archive of human body liquids, such as capillary blood, urine, saliva, etc.

Benefits of AHLSTROM® Grade 226 Filter paper

LTA devices use AHLSTROM® Grade 226 Filter paper (CE and FDA approved) which allows the following advantages:

- Uniform absorption on the entire area of the filter paper
- Uniform width
- High purity

The image shows a detailed specimen collection form for newborns, specifically for the screening of congenital hypothyroidism. The form is divided into several sections for data entry, including:

- Header:** Contains the device identification number (0000000206) and a barcode.
- Parental Information:** Fields for Mother's and Father's names, medical record numbers (MRN), and contact details.
- Neonatal Information:** Fields for the newborn's name, date of birth, sex, weight, and gestational age.
- Medical History:** Sections for feeding type (breast, formula, mixed), blood transfusions, and any medical treatments.
- Screening Results:** Fields for the results of the TSH, T4, and other thyroid-related tests.
- Signature and Date:** A section for the sample collection responsible person's signature and the date of collection.

The form is printed on AHLSTROM Grade 226 Filter paper, which is designed for uniform absorption and high purity. The form is also CE-IVD marked, indicating its compliance with European standards for in vitro diagnostic devices.

Advantages of LTA specimen collection devices

Monitoring and identification: the devices can be printed with a consecutive numbering, essential for monitoring and identification.

Traceability: the devices can be provided with a bar-code, printable also on a removable sticker, in order to guarantee the traceability of all sections of the card.

Privacy: the devices can be read by an optical character recognition (OCR) scanner, using special inks which assure that the scanners notice only demographic variations info.

Protection: a wraparound cover is available in order to protect the sampling area.

Customization: the devices can be customized and printed in any language according to the customer necessity.

Standardisation: the devices have standard pre-printed information.

Ease of use: the cartridges shape is ideal for use on automatic punchers.

