

REF

BIO85STBC



Human Urine Stabilizing Buffer (Custom Fill)

Instructions for Use

For Research Use Only
Not for use in Diagnostic Procedures

INTENDED USE

The EKF Diagnostics human urine stabilizing buffer is a solution designed to preserve urinary proteins. It is recommended that human urine is diluted in the urine stabilizing buffer prior to storage. Human urine must be diluted with stabilizing buffer if being assayed with EKF Diagnostics Human Alpha GST or Pi-GST EIAs.

COMPONENTS

1. Protein containing solution with added stabilizers and ProClin 950 and Bronidox L as preservatives (1mL).
READY TO USE
2. Instructions for use

STABILITY AND STORAGE

Urine Stabilizing Buffer should be stored at 2-8°C and is stable as supplied until the expiry date shown.

PRECAUTIONS

SAFETY

- Urine Stabilizing Buffer contains ProClin 950 classifying it as per applicable European Community (EC) Directives as: Irritant (Xi). The following are the appropriate Risk (R) and Safety (S) phrases:
 - R43 May cause sensitization by skin contact.
 - S24 Avoid contact with skin.
 - S35 This material and its container must be disposed of in a safe way.
 - S37 Wear suitable gloves.
 - S46 If swallowed, seek medical advice immediately and show this container or label.
- Dispose of all clinical specimens, infected or potentially infected material in accordance with good laboratory practice. All such materials should be handled and disposed as though potentially infectious.
- Wear protective clothing, disposable latex gloves and eye protection while preparing and handling specimens. Wash hands thoroughly when finished.
- Do not pipette materials by mouth and never eat or drink at the laboratory workbench.

PROCEDURAL

- Do not use past the expiry date.
- Deviation from the protocol provided may cause erroneous results.

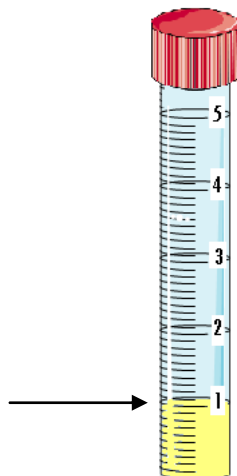
- Care must be taken not to contaminate the component and always use fresh pipette tips for each sample and component.
- Avoid leaving reagent in direct sunlight and/or above 2-8°C for extended periods.

SAMPLE COLLECTION

As soon as possible after sample collection, add 4mL of Human Urine into the collection tube provided. The tube already contains 1mL of EKF Diagnostics Stabilizing Buffer. The end volume should be 5mL.

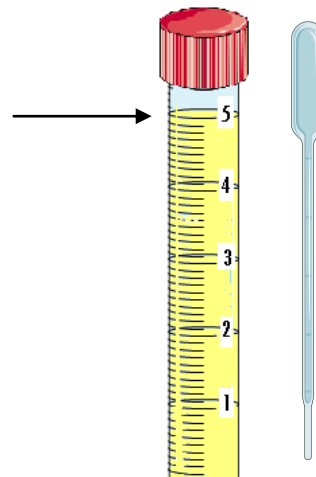
Step 1

- Remove collection tube cap and ensure that there is 1mL of stabilizing buffer already in place.



Step 2

- Carefully decant human urine up to the 5mL mark.



SAMPLE HANDLING AND STORAGE

Do not store samples without the addition of Urine Stabilizing Buffer. Urine Stabilizing Buffer should ideally be added within 12 hours of sample collection. It is recommended that samples are assayed as soon as possible after collection. However, after the addition of Urine Stabilizing Buffer, samples can be stored 2-8°C for one week, at -20°C for up to 28 days or -70°C for one year.

Repeated freeze thawing should be avoided. In the absence of Urine Stabilizing Buffer, freezing can reduce GST levels in urine by up to 70% as measured by EIA. This decline in urinary GST is most likely due to denaturation during the freeze-thaw cycle.



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Document Code: STBC-457-03
03/12