Ansh✓Check™ FSTL-3 Tri-Level Controls

RUO

AL-CTR-452

FOR RESEARCH USE ONLY.
Not for use in diagnostic procedures.

INTENDED USE
Ansh Labs FSTL-3 Tri-Level Controls are intended for use as assay quality controls to monitor the precision and reproducibility of laboratory testing methods for the determination of FSTL-3 in serum, plasma, or other biological fluids. Tri-Level controls are run as unknowns against kit calibrators in any human FSTL-3 assays.

MATERIALS SUPPLIED

Ansh✓Check™ FSTL-3 Control Low	**CTR-452-L**
Ansh✓Check™ FSTL-3 Control Mid	**CTR-452-M**
Ansh✓Check™ FSTL-3 Control High	**CTR-452-H**

- 3 x 5 mL vials. Low (L), Mid (M) and High (H) concentrations.
- Provided as lyophilized powder.
- Reconstitute each with 1 mL deionized water.
- Refer to control card for control ranges.

MATERIALS REQUIRED BUT NOT SUPPLIED
1. Deionized water.
2. Volumetric or precision pipet to deliver 1000 µL.

Product Information
FSTL-3 Tri-Level Controls are human recombinant FSTL-3 in human serum in three vials labeled Ansh✓Check™ FSTL-3 CTR-452-L, CTR-452-M, and CTR-452-H containing a low, mid, and high concentration. Provided as lyophilized powder. Refer to control card for control ranges.

Preparation for Use
1. Control material is lyophilized. Gently tap the bottom of the vial. Open the vial carefully to avoid any loss of the material and reconstitute with 1mL of deionized (DI) water. Replace the rubber stopper, solubilize for 10 minutes, mix well, and use after reconstitution. Prior to use, ensure that all traces of dry material are dissolved by swirling gently.
2. Ansh✓Check™ FSTL-3 Controls should be diluted at a ratio of 1 part control to 4 parts of FSTL-3 Calibrator A (CAL-152A). For a volume of 100µL, mix exactly 20µL of reconstituted control into 80µL of FSTL-3 Calibrator A (CAL-152A). Multiply the value obtained by the dilution factor (5X).

Storage and Stability
Store unopened vials refrigerated at 2 to 8°C. Material is stable up to the expiration date printed on individual vials.
Reconstituted controls are stable after initial use for up to 7 days at 2 to 8°C, if kept capped in original vial and free from contamination. Only the required amount of product should be removed. After use, any residual product should NOT BE RETURNED to the original vial.

For multiple uses, aliquot reconstituted control material into appropriately labeled vials and freeze at -20°C or colder. Thaw frozen controls and mix gently prior to use. The controls are good for up to 7 thaw cycles. Discard any residual product after run. Avoid repeated freeze-thaws.

ASSIGNMENT OF QUALITY CONTROLS VALUE:
The concentration of controls was derived from replicate analysis of the tri-level controls in Ansh Labs FSTL-3 ELISA (Catalog number: AL-152). It is recommended that each laboratory establish its own means and acceptable ranges and use those provided herein only as guidelines.

WARNINGS AND PRECAUTIONS
For Research Use Only. Not for Internal or External Use in Humans or Animals.

The following precautions should be observed:
a) Follow good laboratory practice.
b) Use personal protective equipment. Wear lab coats and disposable gloves when handling immunoassay materials.
c) Handle and dispose of all reagents and material in compliance with applicable regulations.

WARNING: Potential Biohazardous Material
This reagent may contain some human source material (e.g. serum) or materials used in conjunction with human source materials. Handle all reagents and patient samples at a Biosafety Level 2, as recommended for any potentially infectious human material in the Centers for Disease Control/National Institutes of Health manual "Biosafety in Microbiological and Biomedical Laboratories," 5th Edition, 2007.

WARNING: Potential Chemical Hazard
This product contains Sodium azide as a preservative. Sodium azide in concentrated amounts is an irritant to skin and mucous membranes.
For further information regarding hazardous substances in this reagent, please refer to the SDS, either at AnshLabs.com or by request.

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