



# **T. Pallidum CLIA Re-Calibrator and Control Set**

**Instructions for Use (IFU)**

**For Research Use Only in the United States and Canada**

**REF**

**80-TPNHU-FCSET**

Manufactured By:  
ALPCO  
26-G Keewaydin Drive  
Salem, NH 03079

Customer Service:  
Tel: (603) 893-8914  
Tel: (800) 592-5726  
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## Intended Use

The T. Pallidum CLIA Re-Calibrator and Control Set is an accessory used in conjunction with the Syphilis-T (Treponema Pallidum) CLIA Kit (80-TPNHU-FC100 or 80-TPNHU-FC900) by trained laboratory personnel using the KleeYa platform. **For Research Use Only in the United States and Canada. Not for use in diagnostic procedures.**

## Reagents Included

<b>Re-Calibrator</b>	<b>Cut-Off Re-calibrator</b> 1 vial containing anti- <i>Treponema pallidum</i> antibodies at a fixed concentration. Ready to Use.	1 x 1 mL
<b>Positive and Negative Controls</b>	<b>Pos and Neg Controls</b> 2 vials, each containing anti- <i>Treponema pallidum</i> antibodies at a fixed concentration. Ready to Use.	2 x 0.2 mL

## Materials Required but Not Provided

Syphilis-T (Treponema Pallidum) CLIA Reagents (80-TPNHU-FC100 or 80-TPNHU-FC900)  
KleeYa Platform  
KleeYa Consumables  
General laboratory equipment

## Precautions and Warnings

- 1. For Research Use Only in the United States and Canada. Not for use in diagnostic procedures.**
2. Follow universal precautions. Materials of human origin used in this kit have been tested and confirmed negative for HBsAg and anti-HIV I and II and anti-HCV antibodies. They should be treated as a potential biohazard and handled and disposed of according to local laboratory legislation.
3. Re-calibrators and controls may only be run with corresponding reagents. If purchased separately, the lot number for the re-calibrator and control set (80-TPNHU-FCSET) must match the lot number for the reagent kit (80-TPNHU-FC100 or 80-TPNHU-FC900) being run.
4. Routine maintenance of the KleeYa instrument is required for proper performance.
5. Re-calibrators and controls are only compatible with KleeYa sample racks containing the white spacers.
6. Ensure that no bubbles are present before loading re-calibrators and controls into sample racks.
7. Additional safety information on hazardous substances included in the kit and actions to take in the event of direct contact or ingestion is provided within the Safety Data Sheet (SDS) for this product. To obtain an SDS, please contact our customer service department at (800) 592-5726 or email: [ts@alpco.com](mailto:ts@alpco.com).
8. Dispose of unused reagents according to local and federal regulations.

## Storage and Transport Conditions

1. Reagents are shipped on cold packs but do not require specific temperature control. Reagents should be stored at 2-8°C. Unopened reagents are stable until the expiration date on the box label.
2. The expiration date is printed on all component labels.

## Reagent Stability

Re-calibrator and Controls
Store at 2-8°C. Un-opened re-calibrator and controls are stable until the expiration date printed on the label. Opened re-calibrator and controls are stable for up to 4 uses within 28 days. Re-calibrator and controls must be returned to 2-8°C when not in use.

**Note: Caps must be placed on the correct vials after each use. Switching caps for re-calibrators and controls can negatively impact results.**

## Reagent Preparation

All reagents, re-calibrator, and controls are ready to use. Ensure samples are fully thawed and mixed gently before loading on the KleeYa instrument. Mix re-calibrator and controls by gentle inversion and load in appropriate KleeYa sample racks. Ensure no bubbles are present after mixing. If necessary, assign the lot specific assay to the appropriate control(s) on the KleeYa instrument.

## Assay Calibration and Quality Control

1. The cut-off re-calibrator must be run each day treponemal syphilis testing is performed.
2. Positive and negative controls are to be run each day treponemal syphilis testing is performed.
3. Traceability: No international reference material or reference measurement procedures are available for *Treponema pallidum*. The Re-Calibrator and Controls used in the Syphilis-T CLIA Re-Calibrator and Control Set are traceable to internal reference standards made from syphilis reactive serum diluted in a buffer containing stabilizers and preservatives.

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