



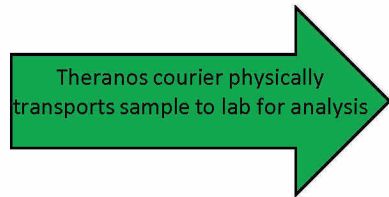
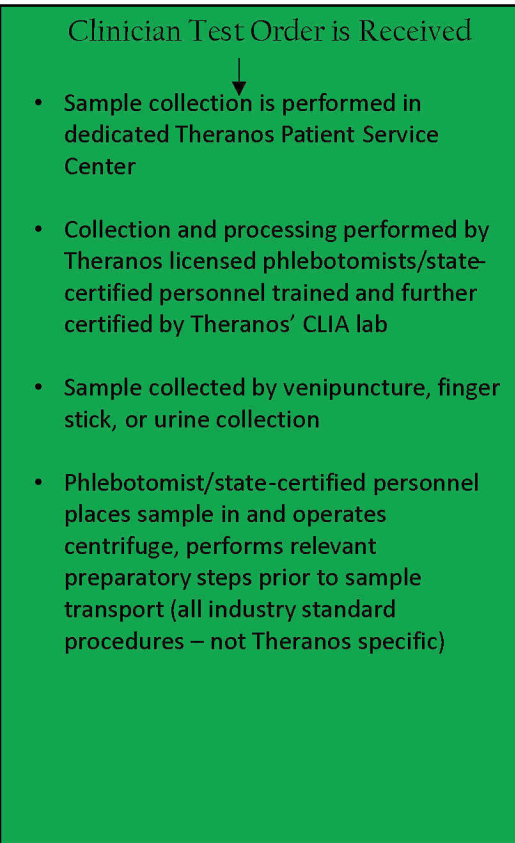
**Overview of Sample Processing Workflow
Prepared for FDA:**

**Phase I and Phase II of
Theranos Business Operations**

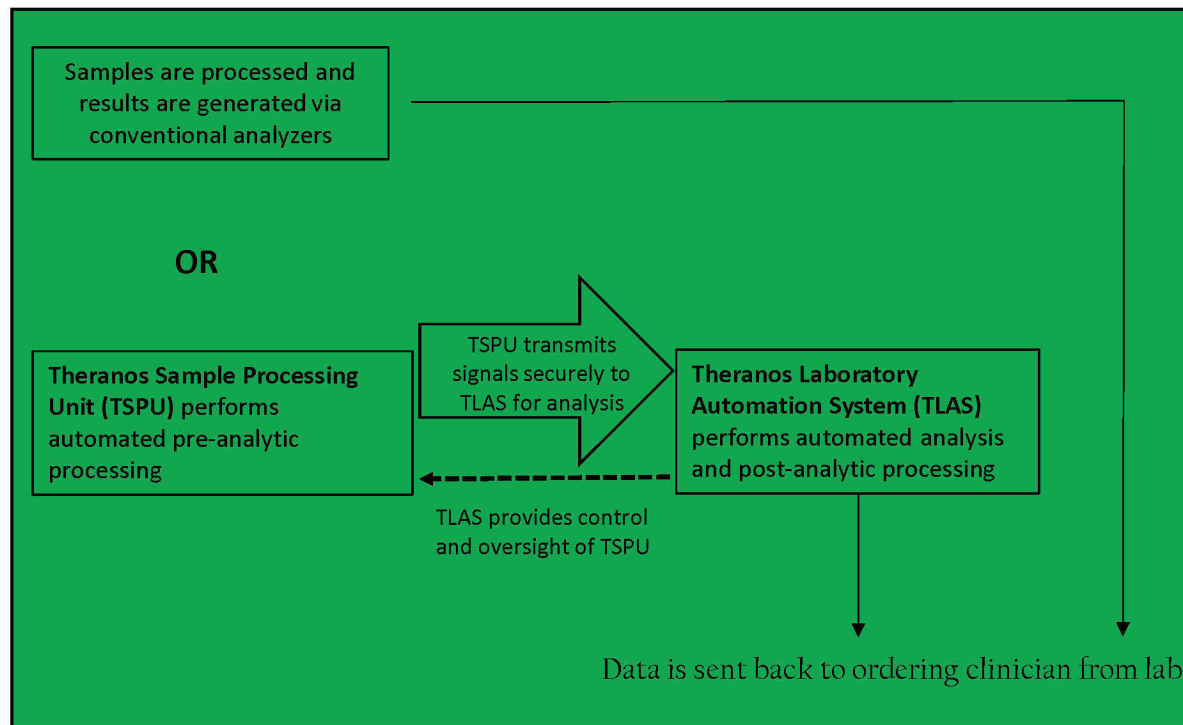
This presentation and its contents are Theranos proprietary and confidential.

Theranos PSC
(Theranos site operated by
Theranos CLIA lab)

Phase I: Current

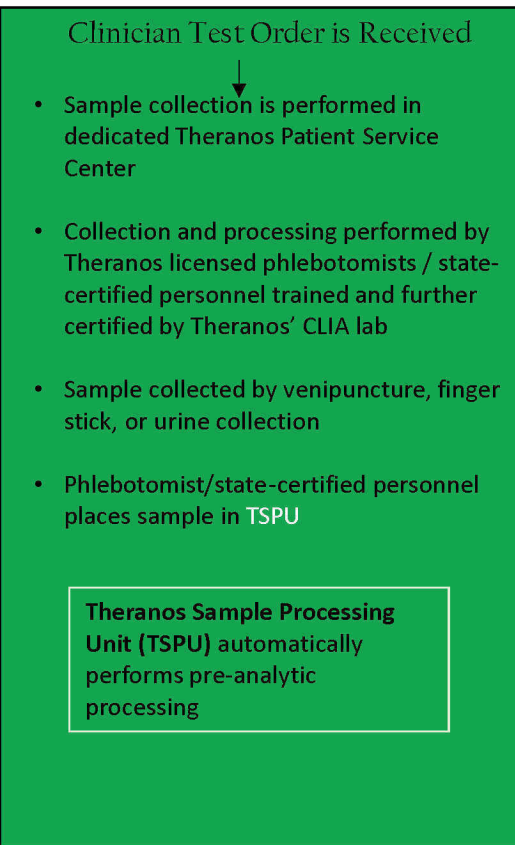


Theranos High-Complexity CLIA-Certified Lab in Palo Alto, CA

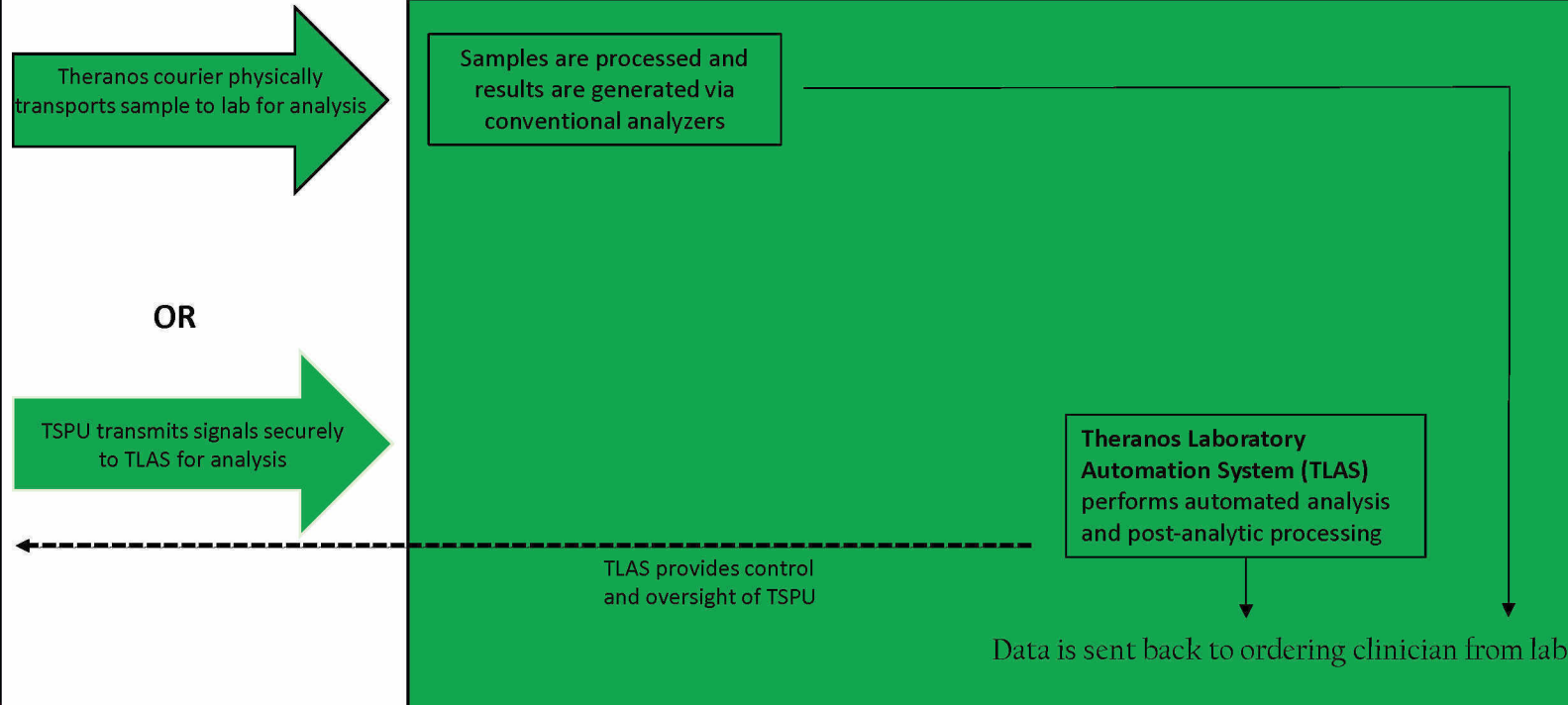


Theranos PSC
(Theranos site operated by
Theranos CLIA lab)

Phase II: Post-FDA Clearance



Theranos High-Complexity CLIA-Certified Lab in Palo Alto, CA



TSPU & TLAS Description

(The TSPU and TLAS are designed and manufactured by Theranos with no third party involvement.)

The TSPU and TLAS are also only used by Theranos and are not sold.)

Theranos Sample Processing Unit (TSPU)

Performs automated pre-analytic processing*:

- Sample separation (into plasma)
- Reagent addition/preparatory steps and associated signal generation
- Transmits raw signals (e.g. pixels or photon counts) to TLAS**
- Connected to and controlled by TLAS under the oversight of Theranos CLIA laboratory personnel

*No operator decision making or manual processing required

**NB – results cannot be generated on the TSPU (and thus of course could never be transmitted from or displayed on the TSPU)

Theranos Laboratory Automation System (TLAS)

Performs automated analysis and post-analytic processing:

- Pathologist and CLIA lab personnel oversight of TSPU
- Result derivation:
 - Signal analyzed
 - Replicates analyzed
 - Outliers analyzed
 - Controls analyzed
 - Calibrators analyzed
 - Signal converted to concentration based on analysis
- Pathologist and CLIA lab personnel oversight of analysis, post-analytic processing, and results