

## Follicle Stimulating Hormone (FSH) – PK ELISA

Cat# SB-07-065

For the quantitative determination of FSH in human serum and plasma

Notice: This product specification data sheet is for information purposes only. Please contact [tec@somrubioscience.com](mailto:tec@somrubioscience.com) for up to date information.

<b>Description</b>	The Somru FSH ELISA kit is designed to measure FSH with high specificity and enhanced sensitivity in serum or plasma. This user-friendly assay design utilizes solution phase capture of FSH using two antibodies and subsequent detection using anti-species antibody.
<b>Detection Method</b>	Colorimetric; absorbance at 450 nm with reference absorbance at 650 nm
<b>Storage</b>	Kit ships at 2 to 8°C. Multiple storage temperatures upon arrival.
<b>Calibrator</b>	Recombinant FSH
<b>Calibration Curve</b>	0.25 to 20 mIU/mL; 4 or 5 -parameter curve fit
<b>Assay range</b>	0.25 to 20 mIU/mL
<b>Sensitivity</b>	0.25 mIU/mL
<b>Precision</b>	Intra-assay precision $\leq 10\%$ . Inter-assay mean precision $\leq 15\%$ . Determined by analyzing three levels of quality control samples in 6 replicates on 6 different occasions.
<b>Accuracy</b>	The Mean %bias is $\leq 10\%$ . Determined by analyzing three levels of quality control samples in 6 replicates on 6 different occasions.
<b>Total Error</b>	The Total Error is $\leq 20\%$ . Calculated by adding the mean %bias with inter-assay variability (%CV).
<b>Safety Warnings and Precautions</b>	All reagents and samples should be handled as if potentially hazardous and infectious. It is recommended that all kit reagents be handled by trained laboratory personnel and are used in accordance with the principles of Good Laboratory Practice.

**Notice:** Somru ELISA kits are custom-made to order. Each kit lot is tested to ensure that it meets specifications before shipment. Minor adjustments to the preparation of reagents may occur due to lot-to-lot variation. Please always refer to the product sheet enclosed with each kit before performing each experiment.