## Overview

### Product name
Human Follicle Stimulating Hormone ELISA Kit

### Detection method
Colorimetric

### Sample type
Serum

### Assay type
Sandwich (quantitative)

### Sensitivity
$= 2.5 \text{ mIU/ml}$

### Range
2.5 mIU/ml - 200 mIU/ml

### Assay duration
Multiple steps standard assay

### Species reactivity
Reacts with: Human

### Product overview
Abcam’s Follicle Stimulating Hormone in vitro ELISA (Enzyme-Linked Immunosorbent Assay) kit is designed for the accurate quantitative measurement of Follicle Stimulating Hormone in Human serum.

A 96-well plate has been precoated with anti-Follicle Stimulating Hormone antibodies. Samples and standards are added to the wells, where Follicle Stimulating Hormone in the sample and standards binds to the precoated antibody. After incubation and washing, added Anti-Follicle Stimulating Hormone HRP conjugate binds to the antibody-Follicle Stimulating Hormone complex. After incubation, the wells are washed to remove unbound material and TMB substrate is then added which is catalyzed by HRP to produce blue coloration. The reaction is terminated by addition of Stop Solution which stops the color development and produces a color change from blue to yellow. The intensity of signal is directly proportional to the amount of Follicle Stimulating Hormone in the sample and the intensity is measured at 450 nm.

### Tested applications
**Suitable for:** Sandwich ELISA

### Platform
Microplate

## Properties

### Storage instructions
Store at +4°C. Please refer to protocols.

### Components

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anti-Follicle Stimulating Hormone Coated Microplate (12 x 8 wells)</td>
<td>1 unit</td>
</tr>
<tr>
<td></td>
<td>1 x 96 tests</td>
</tr>
</tbody>
</table>
Components | 1 x 96 tests
---|---
Anti-Follicle Stimulating Hormone HRP Conjugate | 1 x 13ml
Follicle Stimulating Hormone Standard 0 - 0 mIU/mL (Lyophilized) | 1 vial
Follicle Stimulating Hormone Standard 1 - 5 mIU/mL (Lyophilized) | 1 vial
Follicle Stimulating Hormone Standard 2 - 15 mIU/mL (Lyophilized) | 1 vial
Follicle Stimulating Hormone Standard 3 - 50 mIU/mL (Lyophilized) | 1 vial
Follicle Stimulating Hormone Standard 4 - 100 mIU/mL (Lyophilized) | 1 vial
Follicle Stimulating Hormone Standard 5 - 200 mIU/mL (Lyophilized) | 1 vial
Stop Solution | 1 x 11ml
TMB Reagent | 1 x 11ml

Applications

Our Abpromise guarantee covers the use of ab108641 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sandwich ELISA</td>
<td></td>
<td>Use at an assay dependent concentration.</td>
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</table>

Images

Representative standard curve using ab108641

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