

Datasheet for ABIN5026960

IL32 ELISA Kit[Go to Product page](#)**1** Image

Overview

| | |
|--------------------------|-----------------|
| Quantity: | 96 tests |
| Target: | IL32 |
| Reactivity: | Human |
| Method Type: | Sandwich ELISA |
| Detection Range: | 15.6-1000 pg/mL |
| Minimum Detection Limit: | 15.6 pg/mL |
| Application: | ELISA |

Product Details

| | |
|------------------------|---|
| Purpose: | This immunoassay kit allows for the in vitro quantitative determination of Human IL-32 concentrations in serum, plasma and other biological fluids. |
| Sample Type: | Plasma, Serum |
| Analytical Method: | Quantitative |
| Detection Method: | Colorimetric |
| Sensitivity: | < 9.4 pg/mL |
| Components: | plate, standard, diluent, antibodies |
| Material not included: | pipettes, tubes, reader, incubator |

Target Details

| | |
|---------|------|
| Target: | IL32 |
|---------|------|

Target Details

Alternative Name: IL-32 (Interleukin 32) ([IL32 Products](#))

Application Details

Sample Volume: 100 μ L

Assay Time: 3 - 4 h

Plate: Pre-coated

Protocol: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human IL-32 antibody was pre-coated into 96-well plates. Biotin conjugated anti-human IL-32 detection antibody was used. Standards, test samples and biotin conjugated detection antibody were added to the wells subsequently. Wash buffer was used to wash any non-specific binding. HRP conjugated Streptavidin was used as secondary antibody. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human IL-32 amount of samples captured in the plate. Optical Density (O.D) can be read at absorbance 450nm in a microplate reader. Concentration of Human IL-32 can be calculated using the standard curve.

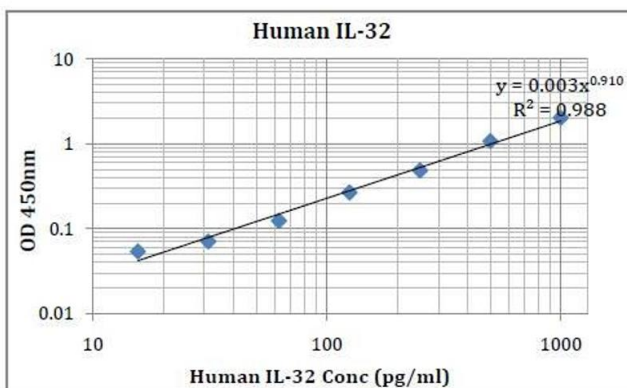
Restrictions: For Research Use only

Handling

Precaution of Use: protect your eyes

Storage: 4 °C

Images



ELISA

Image 1.