

# ELISA Kit for Kallikrein 8 (KLK8)

Catalog No: tcue580



## Available Sizes

**Size:** 96T



## Specifications

**Research Area:**

Enzyme & Kinase;Tumor immunity;Neuro science;

**Species Reactivity:**

Homo sapiens (Human)

**Sample Type:**

Serum, plasma and other biological fluids.

**Sensitivity:**

The minimum detectable dose of this kit is typically less than 225.3pg/mL

**Detection Range:**

617.3-50,000pg/mL

**Assay Time:**

2h

**Detection Method:**

Enzyme-linked immunosorbent assay for Antigen Detection.

**Tested Application:**

ELISA

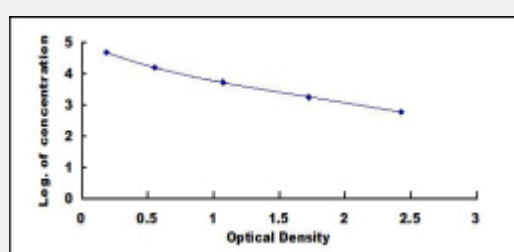
**SwissProt:**

O60259

## Test Principle

This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to Kallikrein 8 (KLK8)

has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled Kallikrein 8 (KLK8) and unlabeled Kallikrein 8 (KLK8) (Standards or samples) with the pre-coated antibody specific to Kallikrein 8 (KLK8). After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of Kallikrein 8 (KLK8) in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Kallikrein 8 (KLK8) in the sample.



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