

# ELISA Kit for Retinol (Ret)

Catalog No: tcue2169



## Available Sizes

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**Size:** 96T



## Specifications

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**Species Reactivity:**

Pan-species (General)

**Sample Type:**

serum, plasma and other biological fluids

**Sensitivity:**

The minimum detectable dose of this kit is typically less than 45.1ng/mL

**Detection Range:**

123.5-10,000ng/mL

**Assay Time:**

2h

**Detection Method:**

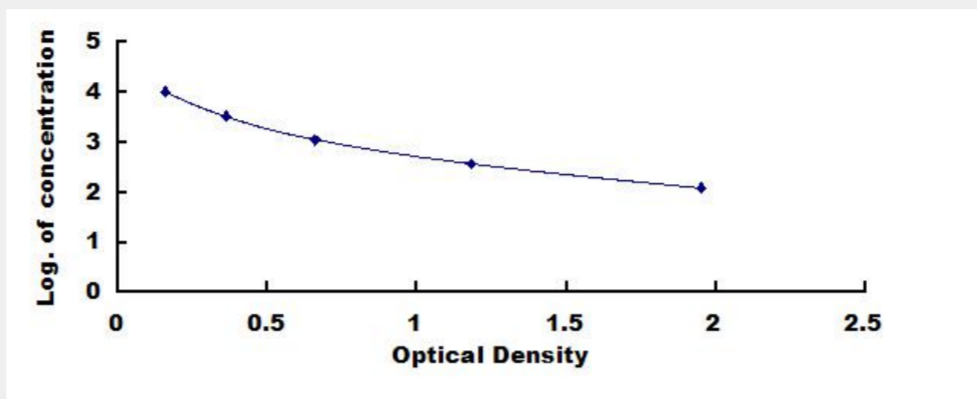
Enzyme-linked immunosorbent assay for Antigen Detection.

**Tested Application:**

ELISA

## Test Principle

This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to Retinol (Ret) has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled Retinol (Ret) and unlabeled Retinol (Ret) (Standards or samples) with the pre-coated antibody specific to Retinol (Ret). 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 Retinol (Ret) in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of Retinol (Ret) in the sample.



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!