

CLIA Kit for Substance P (SP)

Catalog No: tcue3917



Available Sizes

Size: 96T



Specifications

Research Area:

Endocrinology;Neuro science;Hormone metabolism;

Species Reactivity:

Cavia (Guinea pig)

Sample Type:

Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Sensitivity:

The minimum detectable dose of this kit is typically less than 5.12pg/mL

Detection Range:

11.72-3,000pg/mL

Assay Time:

2h

Detection Method:

Chemiluminescent immunoassay for Antigen Detection.

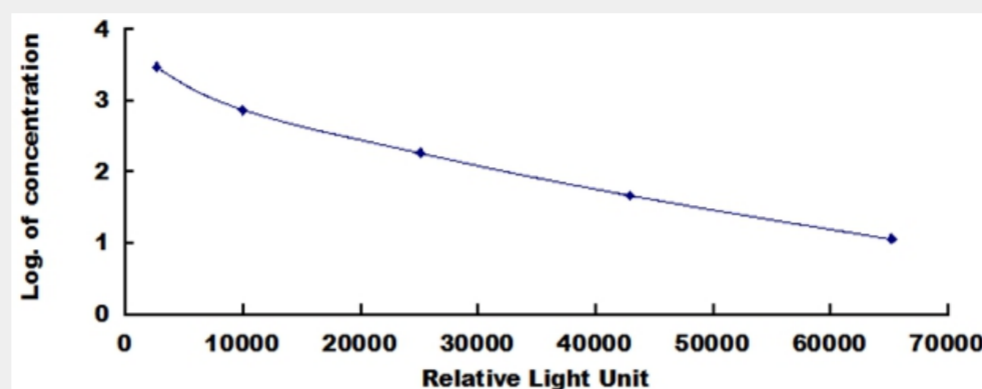
Tested Application:

ELISA

Test Principle

The microplate provided in this kit has been pre-coated with a monoclonal antibody specific to Substance P (SP). A competitive inhibition reaction is launched between biotin labeled Substance P (SP) and unlabeled Substance P (SP) (Standards or samples) with the pre-coated antibody specific to Substance P (SP). 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 Substance P (SP) in the sample. Then the mixture of substrate A and B is added to generate glow

light emission kinetics. Upon plate development, the intensity of the emitted light is reverse proportional to the Substance P (SP) level in the sample or standard.



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