

Rat Catecholamine (CA) ELISA Kit

Catalog No: #EK20500

Package Size: #EK20500-1 48T #EK20500-2 96T

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Description

Product Name	Rat Catecholamine (CA) ELISA Kit
Brief Description	ELISA Kit
Applications	ELISA
Species Reactivity	Rat
Storage	The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. The loss rate was determined by accelerated thermal degradation test. Keep the kit at 37°C for 4 and 7 days, and compare O.D.values of the kit kept at 37°C with that of at recommended temperature. (referring from China Biological Products Standard, which was calculated by the Arrhenius equation. For ELISA kit, 4 days storage at 37°C can be considered as 6 months at 2-8°C, which means 7 days at 37°C equaling 12 months at 2-8°C).

Application Details

Detect Range: 5 pg/mL - 1000 pg/mL

Sensitivity: 4 pg/mL/mL

Sample Type: Serum, Plasma, Other biological fluids

Sample Volume: 1-200 μ L

Assay Time: 1-4.5h

Detection wavelength: 450 nm

Product Description

This assay employs the competitive enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with goat-anti-rabbit antibody. Standards or samples are added to the appropriate microtiter plate wells with an antibody specific for CA and Horseradish Peroxidase (HRP) conjugated CA. The competitive inhibition reaction is launched between with HRP labeled CA and unlabeled CA with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of CA in the sample. The color development is stopped and the intensity of the color is measured.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.