

Datasheet for ABIN2648625

Dopamine ELISA Kit

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Overview

Quantity:	96 tests
Target:	Dopamine (DA)
Reactivity:	Chemical
Application:	ELISA

Product Details

Purpose:	The Dopamine High Sensitive ELISA Assay kit is an Enzyme-linked immunosorbent assay used for the quantitative and very sensitive determination of noradrenaline in biological samples including serum, plasma, tissue, and cell culture samples.
Sample Type:	Cell Culture Cells, Plasma, Tissue Homogenate
Analytical Method:	Quantitative
Detection Method:	Colorimetric
Specificity:	High Sensitive ELISA
Sensitivity:	5.9 pg/mL
Characteristics:	The Dopamine High Sensitive ELISA Assay kit is for research use only and should not be used in diagnostic procedures.

Target Details

Target:	Dopamine (DA)
Alternative Name:	Dopamine (DA Products)
Target Type:	Chemical

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Sample Volume:	20 µL
Plate:	Pre-coated
Protocol:	The competitive Dopamine High Sensitive ELISA kit uses the microtitre plate format. Dopamine is bound to the solid phase of the microtiter plate. Acylated catecholamine from the sample and solid phase bound catecholamine compete for a fixed number of antiserum binding sites. When the system is in equilibrium, free antigen and free antigen-antiserum complexes are removed by washing. The antibody bound to the solid phase catecholamine is detected by anti-rabbit IgG / peroxidase. The substrate TMB / peroxidase reaction is monitored at 450 nm. The amount of antibody bound to the solid phase catecholamine is inversely proportional to the catecholamine concentration of the sample.
Restrictions:	For Research Use only

Handling

Storage:	4 °C
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