

Monkey Cyclophilin D ELISA Kit | CYPD elisa kit

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CATALOG #
AAA91086

REACTIVITY
Monkey

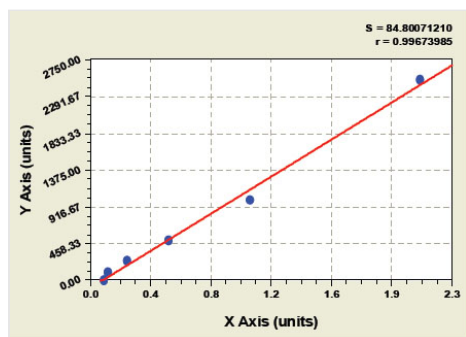
PRODUCT SYNONYMS

Cyclophilin D; Monkey Cyclophilin D ELISA Kit; CYPD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	25-500ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This CYPD ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey CYPD. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CYPD elisa kit

Principle of the Assay: CYPD ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for CYPD. Standards or samples are then added to the microtiter plate wells and CYPD if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of CYPD present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for CYPD are added to each well to "sandwich" the CYPD immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain CYPD and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CYPD concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	337747719
NCBI GeneID	10856332
NCBI Accession #	YP_004641881.1
NCBI GenBank Nucleotide #	NC_015690.1
Molecular Weight	117,903 Da
NCBI Official Full Name	protein CypD
NCBI Official Symbol	cypD
NCBI Protein Information	protein CypD
UniProt Protein Name	CypD
UniProt Gene Name	cypD
UniProt Synonym Gene Names	KNP414_03453
UniProt Entry Name	F8F8U9_PAEMK

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.