

Mouse Chaperonin 10 ELISA Kit | CPN10 elisa kit

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CATALOG #
AAA82716

REACTIVITY
Mouse

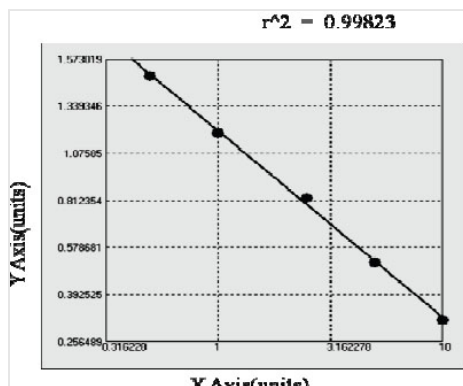
PRODUCT SYNONYMS

Chaperonin 10; Mouse Chaperonin 10 ELISA Kit; CPN10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CPN10 elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE This IL-27 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse IL-27. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY IL-27 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-IL-27 antibody and an IL-27-HRP conjugate. The assay sample and buffer are incubated together with IL-27-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the IL-27 concentration since IL-27 from samples and IL-27-HRP conjugate compete for the anti-IL-27 antibody binding site. Since the number of sites is limited, as more sites are occupied by IL-27 from the sample, fewer sites are left to bind IL-27-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The IL-27 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6526960
Molecular Weight	10,241 Da
NCBI Official Full Name	Cpn10
UniProt Protein Name	10 kDa chaperonin
UniProt Gene Name	Cpn10
UniProt Synonym Gene Names	groES; groS
UniProt Entry Name	Q7DJL2_9BACI

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cpn10-mouse-elisa-kits/chaperonin-10/82716>