

Human Chaperonin 10 ELISA Kit | CPN10 elisa kit

Human Chaperonin 10 ELISA Kit

CATALOG #
AAA81952

REACTIVITY
Human

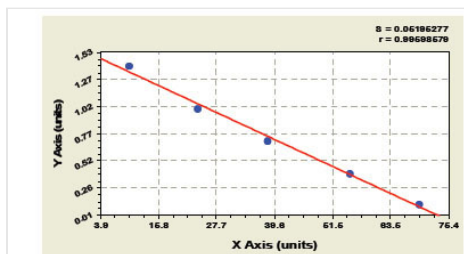
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This CP10 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human CP10. 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 CPN10 elisa kit

Principle of the assay: CP10 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CP10 antibody and an CP10-HRP conjugate. The assay sample and buffer are incubated together with CP10-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 CP10 concentration since CP10 from samples and CP10-HRP conjugate compete for the anti-CP10 antibody binding site. Since the number of sites is limited, as more sites are occupied by CP10 from the sample, fewer sites are left to bind CP10-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CP10 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-human-elisa-kits/chaperonin-10/81952>