

Monkey Epiligrin ELISA Kit | EP elisa kit

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CATALOG #
AAA97477

REACTIVITY
Monkey

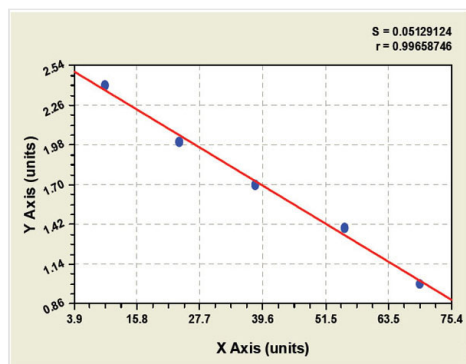
PRODUCT SYNONYMS

Epiligrin; Monkey Epiligrin ELISA Kit; EP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This EP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey EP. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EP elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	551599
NCBI GeneID	3909
Molecular Weight	184,054 Da
NCBI Official Full Name	epiligrin alpha 3 subunit, partial
NCBI Official Synonym Full Names	laminin, alpha 3
NCBI Official Symbol	LAMA3
NCBI Official Synonym Symbols	E170; LOCS; BM600; LAMNA; lama3a
NCBI Protein Information	laminin subunit alpha-3; BM600 150kD subunit; nicein 150kD subunit; nicein subunit alpha; kalinin 165kD subunit; kalinin subunit alpha; epiligrin subunit alpha; laminin-5 alpha 3 chain; laminin-5 subunit alpha; laminin-6 subunit alpha; laminin-7 subunit alpha; epiligrin 170 kda subunit; epiligrin alpha 3 subunit; laminin, alpha 3 (nicein (150kD), kalinin (165kD), BM600 (150kD), epilegrin)
UniProt Protein Name	Laminin subunit alpha-3
UniProt Gene Name	LAMA3
UniProt Synonym Gene Names	LAMNA; E170
UniProt Entry Name	LAMA3_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/ep-monkey-elisa-kits/epiligrin/97477>