

Rat Epiligrin ELISA Kit | EP elisa kit

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CATALOG #
AAA87625

REACTIVITY
Rat

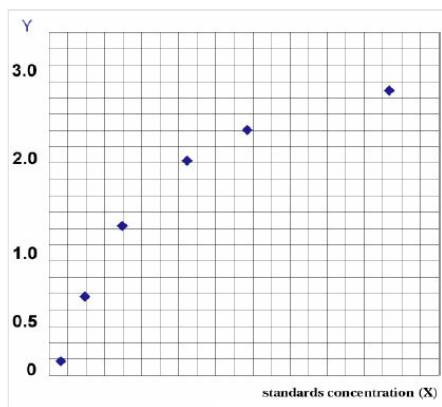
PRODUCT SYNONYMS

Epiligrin; Rat Epiligrin ELISA Kit; EP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for EP elisa kit

Intended Uses: This EPELISA kit is intended Laboratory for research use only. The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of EP in the sample, this EPELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus EP concentration. The concentration of EP in the samples is then determined by comparing the O.D. of the samples to the standard curve.

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

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-rat-elisa-kits/epiligrin/87625>