

Mouse Transcriptional regulator ERG (ERG) ELISA Kit | ERG elisa kit

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CATALOG #
AAA246179

REACTIVITY
Mouse

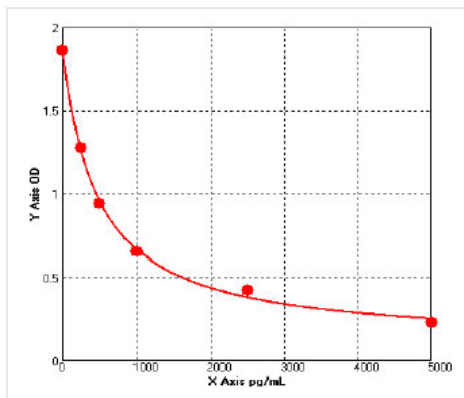
PRODUCT SYNONYMS

Transcriptional regulator ERG (ERG); Mouse Transcriptional regulator ERG (ERG) ELISA Kit; ERG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of ERG. No significant cross-reactivity or interference between ERG and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between ERG and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ERG elisa kit	Principle of the Assay: ERG ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ERG antibody and an ERG-HRP conjugate. The assay sample and buffer are incubated together with ERG-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 ERG concentration since ERG from samples and ERG-HRP conjugate compete for the anti-ERG antibody binding site. Since the number of sites is limited, as more sites are occupied by ERG from the sample, fewer sites are left to bind ERG-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ERG concentration in each sample is interpolated from this standard curve. Intended Uses: This ERG ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse ERG. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for ERG elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	19526802
NCBI GeneID	13876
NCBI Accession #	NP_598420.1
NCBI GenBank Nucleotide #	NM_133659.2
Molecular Weight	53,843 Da
NCBI Official Full Name	transcriptional regulator ERG
NCBI Official Synonym Full Names	avian erythroblastosis virus E-26 (v-ets) oncogene related
NCBI Official Symbol	Erg
NCBI Official Synonym Symbols	D030036I24Rik
NCBI Protein Information	transcriptional regulator ERG
UniProt Protein Name	Transcriptional regulator ERG
UniProt Gene Name	Erg
UniProt Synonym Gene Names	Erg-3
UniProt Entry Name	ERG_MOUSE

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/mouse-elisa-kits/transcriptional-regulator-erg-erg/246179>