

Human ERK2 ELISA Kit | ERK2 elisa kit

Human ERK2 (Extracellular Signal Regulated Kinase 2) ELISA Kit

CATALOG #
AAA165267

REACTIVITY
Human

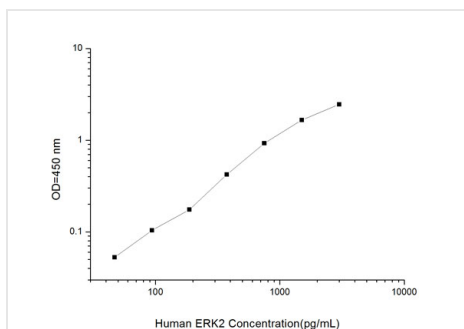
PRODUCT SYNONYMS

ERK2; Human ERK2 (Extracellular Signal Regulated Kinase 2) ELISA Kit; ERK2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human ERK2. No significant cross-reactivity or interference between Human ERK2 and analogues was observed.
Sequence Length	359
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	46.875-3000pg/mL
Sensitivity	Min: 28.125pg/mL; Max: 3000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ERK2 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human ERK2 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to ERK2. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for ERK2 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain ERK2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of ERK2. You can calculate the concentration of ERK2 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	399932277
Molecular Weight	41,448 Da
NCBI Official Full Name	ERK2
UniProt Protein Name	Mitogen-activated protein kinase
UniProt Gene Name	ERK2
UniProt Entry Name	J7FZ52_TEGGR

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://www.aaabiotech.com/human-elisa-kits/erk2/165267>