

Mouse E2F transcription factor 1 ELISA Kit | E2F1 elisa kit

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CATALOG #
AAA96886

REACTIVITY
Mouse

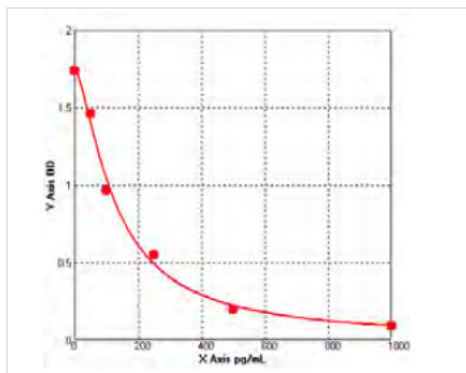
PRODUCT SYNONYMS

E2F transcription factor 1; Mouse E2F transcription factor 1 ELISA Kit; E2F1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of E2F1. No significant cross-reactivity or interference between E2F1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between E2F1 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
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 E2F1 elisa kit	Intended Uses: This E2F1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse E2F1. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: E2F1 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-E2F1 antibody and an E2F1-HRP conjugate. The assay sample and buffer are incubated together with E2F1-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 E2F1 concentration since E2F1 from samples and E2F1-HRP conjugate compete for the anti-E2F1 antibody binding site. Since the number of sites is limited, as more sites are occupied by E2F1 from the sample, fewer sites are left to bind E2F1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The E2F1 concentration in each sample is interpolated from this standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	37589126
NCBI GeneID	1869
Molecular Weight	46,920 Da
NCBI Official Full Name	E2F transcription factor 1
NCBI Official Synonym Full Names	E2F transcription factor 1
NCBI Official Symbol	E2F1
NCBI Official Synonym Symbols	RBP3; E2F-1; RBAP1; RBBP3
NCBI Protein Information	transcription factor E2F1; PBR3; RBAP-1; RBBP-3; PRB-binding protein E2F-1; retinoblastoma-binding protein 3; retinoblastoma-associated protein 1
UniProt Protein Name	Transcription factor E2F1
UniProt Gene Name	E2F1
UniProt Synonym Gene Names	RBBP3; E2F-1; RBAP-1; RBBP-3
UniProt Entry Name	E2F1_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.