

Human TFAP2A/AP-2 (Transcription factor AP-2-alpha) ELISA Kit | TFAP2A/AP-2 elisa kit

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CATALOG #
AAA249956

REACTIVITY
Human

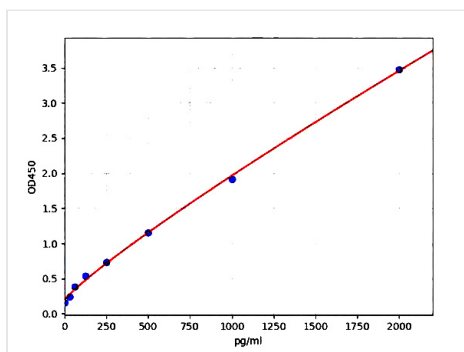
PRODUCT SYNONYMS

TFAP2A/AP-2 (Transcription factor AP-2-alpha); Human TFAP2A/AP-2 (Transcription factor AP-2-alpha) ELISA Kit; Transcription factor AP-2-alpha; AP2-alpha; AP-2 transcription factor; Activating enhancer-binding protein 2-alpha; Activator protein 2; AP-2; AP2TF; TFAP2; TFAP2A; TFAP2A/AP-2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of TFAP2A/AP-2. No significant crossreactivity or interference between TFAP2A/AP-2 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TFAP2A/AP-2 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	73760407
NCBI GeneID	7020
NCBI Accession #	NP_001027451.1
NCBI GenBank Nucleotide #	NM_001032280.2
UniProt Accession #	P05549; Q13777; Q5TAV5; Q8N1C6
Molecular Weight	437
NCBI Official Full Name	transcription factor AP-2-alpha isoform b
NCBI Official Synonym Full Names	transcription factor AP-2 alpha (activating enhancer binding protein 2 alpha)
NCBI Official Symbol	TFAP2A
NCBI Official Synonym Symbols	AP-2; BOFS; AP2TF; TFAP2; AP-2alpha
NCBI Protein Information	transcription factor AP-2-alpha; AP2-alpha; activator protein 2; AP-2 transcription factor; activating enhancer-binding protein 2-alpha
UniProt Protein Name	Transcription factor AP-2-alpha
UniProt Gene Name	TFAP2A
UniProt Synonym Gene Names	AP2TF; TFAP2; AP2-alpha; AP-2
UniProt Entry Name	AP2A_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/tfap2a-ap-2-transcription-factor-ap-2-alpha/249956>