

Human runt-related transcription factor 2 ELISA Kit | RUNX2 elisa kit

Human Core Binding Factor alpha1 CBFA1/RUNX2 ELISA Kit

CATALOG #
AAA79530

REACTIVITY
Human

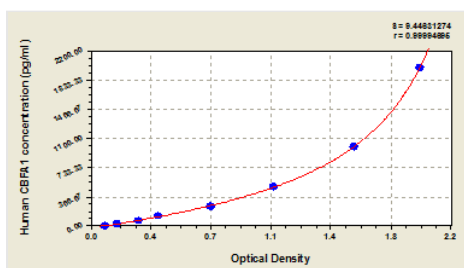
PRODUCT SYNONYMS

runt-related transcription factor 2; Human Core Binding Factor alpha1 CBFA1/RUNX2 ELISA Kit; RP1-166H4.1; AML3; CBFA1; CCD; CCD1; MGC120022; MGC120023; OSF2; PEA2aA; PEBP2A1; PEBP2A2; PEBP2aA; PEBP2aA1; CBF-alpha 1; SL3-3 enhancer factor 1 alpha A subunit; SL3/AKV core-binding factor alpha A; RUNX2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CBFA1/RUNX2. No significant cross-reactivity or interference between human CBFA1/RUNX2 and analogues was observed.
Sequence Length	499
Samples	Serum, plasma, tissue homogenates, cell culture supernates
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	<7.8 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RUNX2 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CBFA1/RUNX2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CBFA1/RUNX2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CBFA1/RUNX2 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of CBFA1/RUNX2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	226442791
NCBI GeneID	860
NCBI Accession #	NP_001015051.3
NCBI GenBank Nucleotide #	NM_001015051.3
UniProt Accession #	Q13950; O14614; O14615; O95181
Molecular Weight	56,648 Da
NCBI Official Full Name	runt-related transcription factor 2 isoform b
NCBI Official Synonym Full Names	runt-related transcription factor 2
NCBI Official Symbol	RUNX2
NCBI Official Synonym Symbols	CCD; AML3; CCD1; CLCD; OSF2; CBFA1; OSF-2; PEA2aA; PEBP2aA; CBF-alpha-1
NCBI Protein Information	runt-related transcription factor 2; PEA2-alpha A; PEBP2-alpha A; oncogene AML-3; acute myeloid leukemia 3 protein; SL3-3 enhancer factor 1 alpha A subunit; osteoblast-specific transcription factor 2; SL3/AKV core-binding factor alpha A subunit; core-binding factor, runt domain, alpha subunit 1; polyomavirus enhancer-binding protein 2 alpha A subunit
UniProt Protein Name	Runt-related transcription factor 2
UniProt Gene Name	RUNX2
UniProt Synonym Gene Names	AML3; CBFA1; OSF2; PEBP2A; CBF-alpha-1; OSF-2; PEA2-alpha A; PEBP2-alpha A
UniProt Entry Name	RUNX2_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/runx2-human-elisa-kits/runt-related-transcription-factor-2/79530>