

Human Runt-Related Transcription Factor 3 (RUNX3) ELISA Kit | RUNX3 elisa kit

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CATALOG #
AAA330977

REACTIVITY
Human

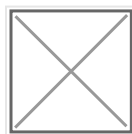
PRODUCT SYNONYMS

Runt-Related Transcription Factor 3 (RUNX3); Human Runt-Related Transcription Factor 3 (RUNX3) ELISA Kit; RUNX3; RP3-398I9.1; AML2; CBFA3; FLJ34510; MGC16070; PEBP2aC; OTTHUMP00000003371; PEA2 alpha C; PEBP2 alpha C; acute myeloid leukemia gene 2; core-binding factor; runt domain; alpha subunit 3; polyomavirus enha; RUNX3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	429
Assay Type	Sandwich
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RUNX3 elisa kit

Principle of the Assay: Human Runt-related Transcription Factor 3 (RUNX3) ELISA Kit employs a two-site sandwich ELISA to quantitate RUNX3 in samples. An antibody specific for RUNX3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any RUNX3 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human RUNX3 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of RUNX3 bound in the initial step. The color development is stopped and the intensity of the color is measured.

Background/Introduction: RUNX3 is a member of the runt domain-containing family of transcription factors. A heterodimer of this protein and a beta subunit forms a complex that binds to the core DNA sequence 5'-PYGPYGGT-3' found in a number of enhancers and promoters, and can either activate or suppress transcription. It also interacts with other transcriptionally silenced in cancer. Multiple transcript variants encoding different isoforms have been found for this gene. Runx3 null mouse gastric mucosa exhibits hyperplasia due to stimulated proliferation and suppressed apoptosis in epithelial cells, and the cells are resistant to TGF-beta stimulation.

NCBI AND UNIPROT INFORMATION

NCBI GI #	72534652
NCBI GeneID	864
NCBI Accession #	NP_001026850.1
NCBI GenBank Nucleotide #	NP_001026850.1

UniProt Accession #	Q13761
NCBI Official Full Name	runt-related transcription factor 3 isoform 1
NCBI Official Synonym Full Names	RUNX family transcription factor 3
NCBI Official Symbol	RUNX3
NCBI Official Synonym Symbols	AML2; CBFA3; PEBP2aC
NCBI Protein Information	runt-related transcription factor 3
UniProt Protein Name	Runt-related transcription factor 3
UniProt Gene Name	RUNX3
UniProt Synonym Gene Names	AML2; CBFA3; PEBP2A3; CBF-alpha-3; PEA2-alpha C
UniProt Entry Name	RUNX3_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/runt-related-transcription-factor-3-runx3/330977>