

Rat RUNX2 (Runt Related Transcription Factor 2) CLIA Kit | RUNX2 clia kit

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CATALOG #
AAA171354

REACTIVITY
Rat

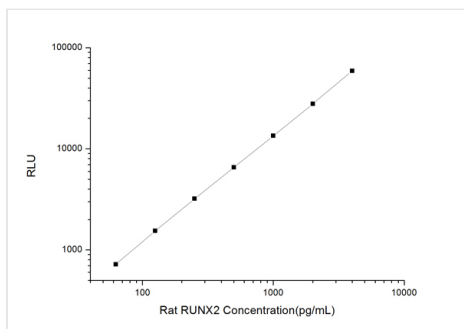
PRODUCT SYNONYMS

RUNX2 (Runt Related Transcription Factor 2); Rat RUNX2 (Runt Related Transcription Factor 2) CLIA Kit; AML3; CBFA1; CCD; CCD1; OSF2; PEA2aA; PEBP2A1; PEBP2A2; PEBP2aA; PEBP2aA1; RUNX2 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This kit recognizes natural and recombinant RUNX2. No significant cross-reactivity or interference between RUNX2 and analogues was observed.
Sequence Length	515
Assay Type	Sandwich
Detection Range	62.5-4000pg/mL
Sensitivity	Min: 37.5pg/mL; Max: 4000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RUNX2 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of RUNX2 concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to RUNX2. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for RUNX2 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 RUNX2, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of RUNX2. You can calculate the concentration of RUNX2 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	511094004
NCBI GeneID	367218
NCBI Accession #	NP_001265413.1
NCBI GenBank Nucleotide #	NM_001278484.2
Molecular Weight	24,247 Da
NCBI Official Full Name	runt-related transcription factor 2 isoform 2
NCBI Official Synonym Full Names	runt-related transcription factor 2
NCBI Official Symbol	Runx2
NCBI Official Synonym Symbols	Cbfa1; OSF-2
NCBI Protein Information	runt-related transcription factor 2
UniProt Protein Name	Runt-related transcription factor 2
UniProt Gene Name	Runx2
UniProt Synonym Gene Names	Cbfa1; Osf2; CBF-alpha-1; OSF-2
UniProt Entry Name	RUNX2_RAT

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/rat-clia-kits/runx2-runt-related-transcription-factor-2/171354>