

Human BMP-10 (Bone Morphogenetic Protein 10) CLIA Kit | BMP-10 clia kit

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CATALOG #
AAA170897

REACTIVITY
Human

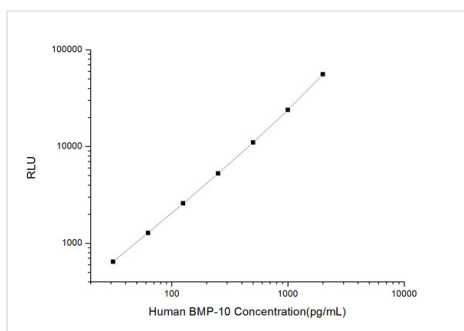
PRODUCT SYNONYMS

BMP-10 (Bone Morphogenetic Protein 10); Human BMP-10 (Bone Morphogenetic Protein 10) CLIA Kit; BMP10; MGC126783; BMP-10 clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant BMP-10. No significant cross-reactivity or interference between BMP-10 and analogues was observed.
Sequence Length	424
Assay Type	Sandwich
Detection Range	31.25-2000pg/mL
Sensitivity	Min: 18.75pg/mL; Max: 2000pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for BMP-10 clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of BMP-10 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 BMP-10. 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 BMP-10 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 BMP-10, 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 BMP-10. You can calculate the concentration of BMP-10 in the samples by comparing the RLU value of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7656928
NCBI GeneID	27302
NCBI Accession #	NP_055297.1
NCBI GenBank Nucleotide #	NM_014482.1
Molecular Weight	48,047 Da
NCBI Official Full Name	bone morphogenetic protein 10 preproprotein
NCBI Official Synonym Full Names	bone morphogenetic protein 10
NCBI Official Symbol	BMP10
NCBI Protein Information	bone morphogenetic protein 10
UniProt Protein Name	Bone morphogenetic protein 10
UniProt Gene Name	BMP10
UniProt Synonym Gene Names	BMP-10
UniProt Entry Name	BMP10_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-clia-kits/bmp-10-bone-morphogenetic-protein-10/170897>