

Human Activin Receptor Type-2A (ACVR2A) ELISA Kit | ACVR2A elisa kit

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CATALOG #
AAA331094

REACTIVITY
Human

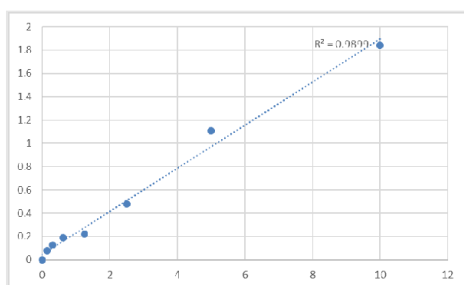
PRODUCT SYNONYMS

Activin Receptor Type-2A (ACVR2A); Human Activin Receptor Type-2A (ACVR2A) ELISA Kit; ACVR2A; ACTRII; ACVR2; OTTHUMP00000197918; ACVR2A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Activin receptor type-2A (ACVR2A) ELISA Kit has high sensitivity and excellent specificity for detection of Human ACVR2A. No significant cross-reactivity or interference between Human ACVR2A and analogues was observed.
Sequence Length	513
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	3 ug/L - 48 ug/L
Sensitivity	< 0.1 ug/L
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Activin receptor type-2A (ACVR2A) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for ACVR2A elisa kit	Principle of the Assay: Human Activin receptor type-2A (ACVR2A) ELISA Kit employs a two-site sandwich ELISA to quantitate ACVR2A in samples. An antibody specific for Human ACVR2A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any ACVR2A present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated ACVR2A 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 ACVR2A 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 #	178050
NCBI GeneID	92
UniProt Accession #	P27037
NCBI Official Full Name	activin type II receptor
NCBI Official Synonym Full Names	activin A receptor type 2A
NCBI Official Symbol	ACVR2A
NCBI Official Synonym Symbols	ACVR2; ACTRII
NCBI Protein Information	activin receptor type-2A
UniProt Protein Name	Activin receptor type-2A
UniProt Gene Name	ACVR2A
UniProt Synonym Gene Names	ACVR2; ACTR-IIA; ACTRIIA
UniProt Entry Name	AVR2A_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.