

Human Nuclear Receptor Coactivator 4 (NCOA4) ELISA Kit | NCOA4 elisa kit

Human Nuclear Receptor Coactivator 4 (NCOA4) ELISA Kit

CATALOG #
AAA331507

REACTIVITY
Human

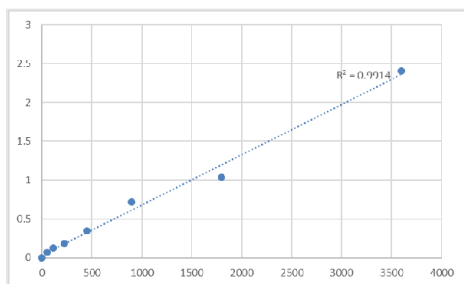
PRODUCT SYNONYMS

Nuclear Receptor Coactivator 4 (NCOA4); Human Nuclear Receptor Coactivator 4 (NCOA4) ELISA Kit; NCOA4; RP11-481A12.4; ARA70; DKFZp762E1112; ELE1; PTC3; RFG; RET-activating gene ELE1; androgen receptor coactivator; 70-kD; papillary thyroid carcinoma 3; ret fused; NCOA4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Nuclear receptor coactivator 4 (NCOA4) ELISA Kit has high sensitivity and excellent specificity for detection of Human NCOA4. No significant cross-reactivity or interference between Human NCOA4 and analogues was observed.
Sequence Length	650
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Nuclear receptor coactivator 4 (NCOA4) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for NCOA4 elisa kit	Description: This Human Nuclear receptor coactivator 4 (NCOA4) ELISA Kit employs a two-site sandwich ELISA to quantitate NCOA4 in samples. An antibody specific for NCOA4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NCOA4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NCOA4 is added to the wells. After washing, Streptavidin 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 NCOA4 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: NCOA4 encodes an androgen receptor coactivator. The encoded protein interacts with the androgen receptor in a ligand-dependent manner to enhance its transcriptional activity. Chromosomal translocations between NCOA4 and the ret tyrosine kinase gene, also located on chromosome 10, have been associated with papillary thyroid carcinoma. Alternatively spliced transcript variants have been described. Pseudogenes are present on chromosomes 4, 5, 10, and 14.
---	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	223890278
NCBI GeneID	8031
NCBI Accession #	NP_001138732.1
NCBI GenBank Nucleotide #	NP_001138732.1
UniProt Accession #	Q13772
NCBI Official Full Name	nuclear receptor coactivator 4 isoform 1
NCBI Official Synonym Full Names	nuclear receptor coactivator 4
NCBI Official Symbol	NCOA4
NCBI Official Synonym Symbols	RFG; ELE1; PTC3; ARA70
NCBI Protein Information	nuclear receptor coactivator 4
UniProt Protein Name	Nuclear receptor coactivator 4
UniProt Gene Name	NCOA4
UniProt Synonym Gene Names	ARA70; ELE1; RFG; NCoA-4; 70 kDa AR-activator
UniProt Entry Name	NCOA4_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.