

Human Nuclear Receptor Corepressor 1 (NCOR1) ELISA Kit | NCOR1 elisa kit

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CATALOG #
AAA331504

REACTIVITY
Human

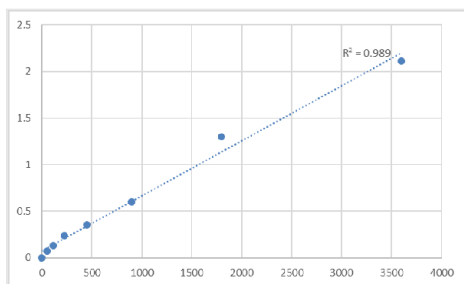
PRODUCT SYNONYMS

Nuclear Receptor Corepressor 1 (NCOR1); Human Nuclear Receptor Corepressor 1 (NCOR1) ELISA Kit; NCOR1; KIAA1047; MGC104216; N-CoR; TRAC1; hCIT529110; hN-CoR; thyroid hormone-and retinoic acid receptor-associated corepressor 1; NCOR1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Nuclear receptor corepressor 1 (NCOR1) ELISA Kit has high sensitivity and excellent specificity for detection of Human NCOR1. No significant cross-reactivity or interference between Human NCOR1 and analogues was observed.
Sequence Length	914
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 corepressor 1 (NCOR1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for NCOR1 elisa kit	Description: This Human Nuclear receptor corepressor 1 (NCOR1) ELISA Kit employs a two-site sandwich ELISA to quantitate NCOR1 in samples. An antibody specific for NCOR1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any NCOR1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for NCOR1 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 NCOR1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: NCOR1 encodes a protein that mediates ligand-independent transcription repression of thyroid-hormone and retinoic-acid receptors by promoting chromatin condensation and preventing access of the transcription machinery. It is part of a complex which also includes histone deacetylases and transcriptional regulators similar to the yeast protein Sin3p. NCOR2 is located between the Charcot-Marie-Tooth and Smith-Magenis syndrome critical regions on chromosome 17. Alternate splicing results in multiple transcript variants. Pseudogenes of NCOR1 are found on chromosomes 17 and 20.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	298919179
NCBI GeneID	9611
NCBI Accession #	NP_001177367.1
NCBI GenBank Nucleotide #	NP_001177367.1
UniProt Accession #	O75376
NCBI Official Full Name	nuclear receptor corepressor 1 isoform 2
NCBI Official Synonym Full Names	nuclear receptor corepressor 1
NCBI Official Symbol	NCOR1
NCBI Official Synonym Symbols	N-CoR; TRAC1; N-CoR1; hN-CoR; PPP1R109
NCBI Protein Information	nuclear receptor corepressor 1
UniProt Protein Name	Nuclear receptor corepressor 1
UniProt Gene Name	NCOR1
UniProt Synonym Gene Names	KIAA1047; N-CoR; N-CoR1
UniProt Entry Name	NCOR1_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.