

Human RNF-111 (E3 ubiquitin-protein ligase Arkadia) ELISA Kit | RNF-111 elisa kit

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CATALOG #
AAA250210

REACTIVITY
Human

PRODUCT SYNONYMS

RNF-111 (E3 ubiquitin-protein ligase Arkadia); Human RNF-111 (E3 ubiquitin-protein ligase Arkadia) ELISA Kit; E3 ubiquitin-protein ligase Arkadia; RING finger protein 111; hRNF111; RING-type E3 ubiquitin transferase Arkadia; RNF111; RNF-111 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RNF-111. No significant crossreactivity or interference between RNF-111 and analogues was observed.
Assay Type	Sandwich
Samples	Cell lysates, tissue homogenates and other biological fluids.
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for RNF-111 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	395455081
NCBI GeneID	54778
NCBI Accession #	NP_001257457.1
NCBI GenBank Nucleotide #	NM_001270528.1
UniProt Accession #	Q6ZNA4; Q6P9A4; Q6ZMU2; Q7L428; Q7Z346; Q8N1P9; Q8WUA3; Q9NSR1; C9JUS4; H0YN55
Molecular Weight	108,862 Da
NCBI Official Full Name	E3 ubiquitin-protein ligase Arkadia isoform 1

NCBI Official Synonym Full Names	ring finger protein 111
NCBI Official Symbol	RNF111
NCBI Official Synonym Symbols	ARK
NCBI Protein Information	E3 ubiquitin-protein ligase Arkadia
UniProt Protein Name	E3 ubiquitin-protein ligase Arkadia
UniProt Gene Name	RNF111
UniProt Entry Name	RN111_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/rnf-111-e3-ubiquitin-protein-ligase-arkadia/250210>