

Human Death Associated Protein 3 (DAP3) ELISA Kit | DAP3 elisa kit

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CATALOG #
AAA188251

REACTIVITY
Human

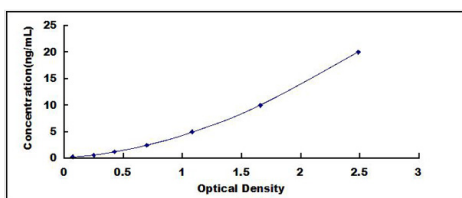
PRODUCT SYNONYMS

Death Associated Protein 3 (DAP3); Human Death Associated Protein 3 (DAP3) ELISA Kit; MRP-S29; MRPS29; bMRP-10; 28S Ribosomal Protein S29; Mitochondrial; Ionizing radiation resistance conferring protein; DAP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Death Associated Protein 3 (DAP3). No significant cross-reactivity or interference between Death Associated Protein 3 (DAP3) and analogues was observed.
Sequence Length	398
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue Homogenates and Other Biological Fluids
Detection Range	0.312-20ng/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.114ng/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Death Associated Protein 3 (DAP3) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Death Associated Protein 3 (DAP3) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: $CV < 10\%$ Inter-Assay: $CV < 12\%$
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DAP3 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Death Associated Protein 3 (DAP3). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Death Associated Protein 3 (DAP3). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Death Associated Protein 3 (DAP3), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Death Associated Protein 3 (DAP3) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1706299
NCBI GeneID	7818
UniProt Accession #	P51398
NCBI Official Full Name	28S ribosomal protein S29, mitochondrial
NCBI Official Synonym Full Names	death associated protein 3
NCBI Official Symbol	DAP3
NCBI Official Synonym Symbols	DAP-3; S29mt; MRPS29; MRP-S29; bMRP-10
NCBI Protein Information	28S ribosomal protein S29, mitochondrial
UniProt Protein Name	28S ribosomal protein S29, mitochondrial
UniProt Gene Name	DAP3
UniProt Synonym Gene Names	MRPS29; MRP-S29; S29mt; DAP-3
UniProt Entry Name	RT29_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/death-associated-protein-3-dap3/188251>