

Chicken Colony Stimulating Factor 2 Receptor Alpha ELISA Kit | CSF2Ra elisa kit

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CATALOG # AAA96528	REACTIVITY Chicken
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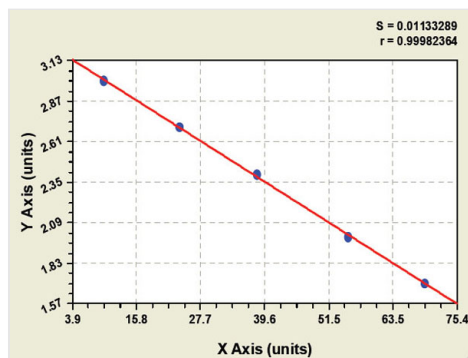
PRODUCT SYNONYMS

Colony Stimulating Factor 2 Receptor Alpha; Chicken Colony Stimulating Factor 2 Receptor Alpha ELISA Kit; CSF2Ra elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This CSF2Ra ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken CSF2Ra. This ELISA kit for research use only, not for therapeutic applications
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Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CSF2Ra elisa kit

Principle of the Assay: CSF2Ra ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CSF2Ra antibody and an CSF2Ra-HRP conjugate. The assay sample and buffer are incubated together with CSF2Ra-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CSF2Ra concentration since CSF2Ra from samples and CSF2Ra-HRP conjugate compete for the anti-CSF2Ra antibody binding site. Since the number of sites is limited, as more sites are occupied by CSF2Ra from the sample, fewer sites are left to bind CSF2Ra-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CSF2Ra concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	47938316
NCBI GeneID	1438
Molecular Weight	31,101 Da
NCBI Official Full Name	CSF2RA protein
NCBI Official Synonym Full Names	colony stimulating factor 2 receptor, alpha, low-affinity (granulocyte-macrophage)
NCBI Official Symbol	CSF2RA
NCBI Official Synonym Symbols	GMR; CD116; CSF2R; SMDP4; CDw116; CSF2RX; CSF2RY; GMCSFR; CSF2RAX; CSF2RAY; GM-CSF-R-alpha
NCBI Protein Information	granulocyte-macrophage colony-stimulating factor receptor subunit alpha; GMR-alpha; GMCSFR-alpha; CD116 antigen; GM-CSF receptor alpha subunit; colony stimulating factor 2 receptor alpha subunit; granulocyte-macrophage colony-stimulating factor receptor alpha chain
UniProt Protein Name	Granulocyte-macrophage colony-stimulating factor receptor subunit alpha
UniProt Gene Name	CSF2RA
UniProt Synonym Gene Names	CSF2R; CSF2RY; GM-CSF-R-alpha; GMCSFR-alpha; GMR-alpha
UniProt Entry Name	CSF2R_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/csf2ra-chicken-elisa-kits/colony-stimulating-factor-2-receptor-alpha/96528>