

Chicken Anti-red cell antibody ELISA Kit | ARCA elisa kit

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CATALOG #
AAA96172

REACTIVITY
Chicken

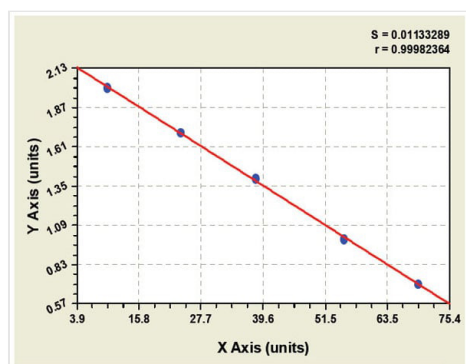
PRODUCT SYNONYMS

Anti-red cell antibody; Chicken Anti-red cell antibody ELISA Kit; ARCA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Intended Uses	This ARCA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken ARCA. 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 ARCA elisa kit

Principle of the Assay: ARCA ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ARCA antibody and an ARCA-HRP conjugate. The assay sample and buffer are incubated together with ARCA-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 ARCA concentration since ARCA from samples and ARCA-HRP conjugate compete for the anti-ARCA antibody binding site. Since the number of sites is limited, as more sites are occupied by ARCA from the sample, fewer sites are left to bind ARCA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ARCA concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	504493
Molecular Weight	27,292 Da
NCBI Official Full Name	arcA, partial
UniProt Protein Name	Aerobic respiration control protein ArcA
UniProt Gene Name	arcA
UniProt Synonym Gene Names	cpxC; dye; fexA; msp; seg; sfrA; b4401; JW4364
UniProt Entry Name	ARCA_ECOLI

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/arca-chicken-elisa-kits/anti-red-cell-antibody/96172>