

Chicken Neopterin ELISA Kit | NP elisa kit

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CATALOG #
AAA247557

REACTIVITY
Chicken

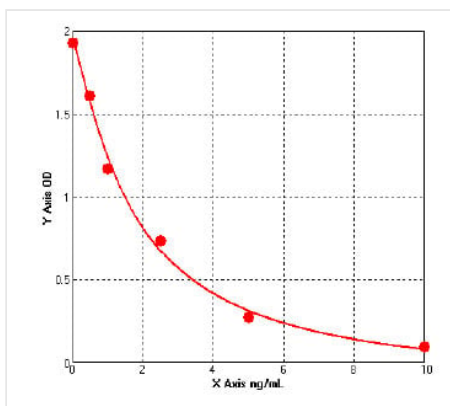
PRODUCT SYNONYMS

Neopterin; Chicken Neopterin ELISA Kit; NP elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of Neopterin. No significant cross-reactivity or interference between Neopterin and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between Neopterin and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 nmol/L
Preparation and Storage	Store at 2-8 degree C. 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.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NP elisa kit	Intended Uses: This Neopterin ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken Neopterin. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: Neopterin ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-Neopterin antibody and an Neopterin-HRP conjugate. The assay sample and buffer are incubated together with Neopterin-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 Neopterin concentration since Neopterin from samples and Neopterin-HRP conjugate compete for the anti-Neopterin antibody binding site. Since the number of sites is limited, as more sites are occupied by Neopterin from the sample, fewer sites are left to bind Neopterin-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Neopterin concentration in each sample is interpolated from this standard curve.
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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/np-chicken-elisa-kits/neopterin/247557>