

## Chicken Kinase insert Domain Receptor/VEGFR2 ELISA Kit | KDR elisa kit

Chicken Kinase insert Domain Receptor/VEGFR2 ELISA Kit

CATALOG #  
**AAA88444**

REACTIVITY  
**Chicken**

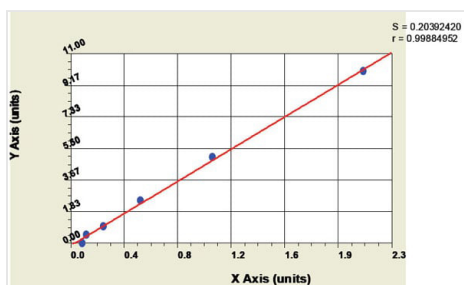
### PRODUCT SYNONYMS

Kinase insert Domain Receptor/VEGFR2; Chicken Kinase insert Domain Receptor/VEGFR2 ELISA Kit; KDR elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Chicken                                                                                                                                                                                |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                             |
| Assay Type              | Sandwich                                                                                                                                                                               |
| Sensitivity             | 0.1 ng/mL.                                                                                                                                                                             |
| Intended Uses           | This KDR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken KDR. This ELISA kit for research use only, not for therapeutic applications! |
| Preparation and Storage | Store all reagents at 2-8 degree C                                                                                                                                                     |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for KDR elisa kit

**Principle of the Assay:** KDR ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for KDR. Standards or samples are then added to the microtiter plate wells and KDR if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of KDR present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for KDR are added to each well to "sandwich" the KDR immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain KDR and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The KDR concentration in each sample is interpolated from this standard curve.

#### Product Categories/Family for KDR elisa kit

[Cardiovascular](#)

NCBI AND UNIPROT INFORMATION

|                         |           |
|-------------------------|-----------|
| NCBI GI #               | 111433464 |
| NCBI Official Full Name | Kdr       |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/kdr-chicken-elisa-kits/kinase-insert-domain-receptor-vegfr2/88444>