

## Chicken CytoKeratin 20 ELISA Kit | CK 20 elisa kit

Chicken CytoKeratin 20 ELISA Kit

CATALOG #  
**AAA90790**

REACTIVITY  
**Chicken**

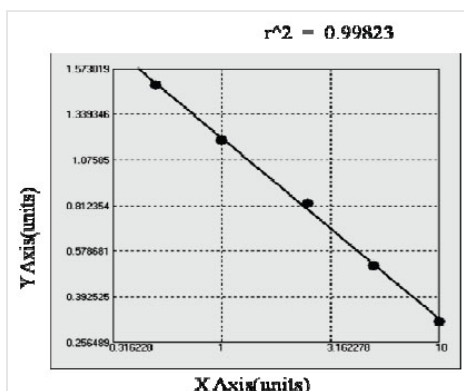
### PRODUCT SYNONYMS

CytoKeratin 20; Chicken CytoKeratin 20 ELISA Kit; CK 20 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Chicken                                                                                                                                                                                    |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate                                                                                                                 |
| Assay Type              | Competitive                                                                                                                                                                                |
| Sensitivity             | 0.1 ng/mL.                                                                                                                                                                                 |
| Intended Uses           | This CK 20 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken CK 20. 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 CK 20 elisa kit

**Principle of the Assay:** CK 20 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CK 20 antibody and an CK 20-HRP conjugate. The assay sample and buffer are incubated together with CK 20-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 CK 20 concentration since CK 20 from samples and CK 20-HRP conjugate compete for the anti-CK 20 antibody binding site. Since the number of sites is limited, as more sites are occupied by CK 20 from the sample, fewer sites are left to bind CK 20-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CK 20 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

|                            |                                 |
|----------------------------|---------------------------------|
| NCBI GI #                  | 402645                          |
| UniProt Accession #        | P35900; B2R6W7                  |
| Molecular Weight           | 48,487 Da                       |
| NCBI Official Full Name    | cytokeratin 20                  |
| UniProt Protein Name       | Keratin, type I cytoskeletal 20 |
| UniProt Gene Name          | KRT20                           |
| UniProt Synonym Gene Names | CK-20; K20                      |
| UniProt Entry Name         | K1C20_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.