

## Bovine Keratin, type II cytoskeletal 5 ELISA Kit | KRT5 elisa kit

Bovine Keratin, type II cytoskeletal 5 ELISA Kit

CATALOG #  
**AAA194327**

REACTIVITY  
**Bovine**

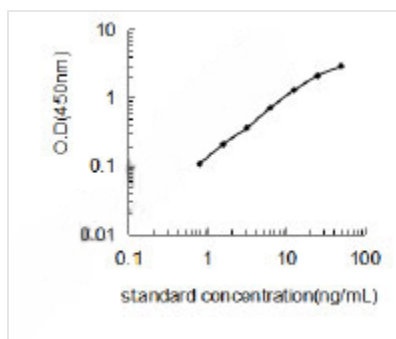
### PRODUCT SYNONYMS

Keratin; type II cytoskeletal 5; Bovine Keratin; type II cytoskeletal 5 ELISA Kit; Cytokeratin-5; CK-5; Keratin-5; K5; Type-II keratin Kb5; KRT5; KRT5 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------|
| Reactivity              | Bovine                                                                                |
| Specificity             | Recombinant and natural Bovine Keratin, type II cytoskeletal 5                        |
| Sequence Length         | 601                                                                                   |
| Samples                 | Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids |
| Detection Range         | 0.78-50 ng/mL                                                                         |
| Sensitivity             | < 0.39 ng/mL                                                                          |
| Intra-assay Precision   | <=6.9%                                                                                |
| Inter-assay Precision   | <=10.4%                                                                               |
| Preparation and Storage | For long term storage, please store the entire kit at -20 degree C.                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for KRT5 elisa kit | <p>Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.</p> <p>Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.</p> |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                            |                                 |
|----------------------------|---------------------------------|
| NCBI GI #                  | 56710317                        |
| NCBI GeneID                | 281268                          |
| NCBI Accession #           | NP_001008663.1                  |
| NCBI GenBank Nucleotide #  | NM_001008663.1                  |
| UniProt Accession #        | Q5XQN5; P04261                  |
| Molecular Weight           | 62,937 Da                       |
| NCBI Official Full Name    | keratin, type II cytoskeletal 5 |
| NCBI Official Symbol       | KRT5                            |
| NCBI Protein Information   | keratin, type II cytoskeletal 5 |
| UniProt Protein Name       | Keratin, type II cytoskeletal 5 |
| UniProt Gene Name          | KRT5                            |
| UniProt Synonym Gene Names | CK-5; K5                        |
| UniProt Entry Name         | K2C5_BOVIN                      |

**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://stage.aaabiotech.com/krt5-bovine-ovine-elisa-kits/keratin-type-ii-cytoskeletal-5/194327>