

## Cattle CRP (C Reactive Protein) ELISA Kit | CRP elisa kit

Cattle CRP (C Reactive Protein) ELISA Kit

CATALOG #  
**AAA273686**

REACTIVITY  
**Cattle**

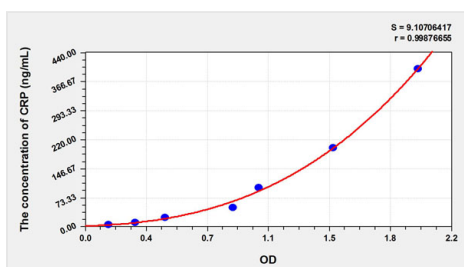
### PRODUCT SYNONYMS

CRP (C Reactive Protein); Cattle CRP (C Reactive Protein) ELISA Kit; C-RP; PTX1; Pentraxin-Related; Pentraxin 1; CRP elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Cattle                                                                                                                                                                                |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Cattle CRP. No significant cross-reactivity or interference between Cattle CRP and analogues was observed. |
| Assay Type              | Sandwich                                                                                                                                                                              |
| Detection Range         | 6.25-400 ng/mL                                                                                                                                                                        |
| Sensitivity             | 2.43 ng/mL                                                                                                                                                                            |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay)? CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision.                |
| Inter-assay Precision   | Inter-assay Precision (Precision between assays)? CV%<10%. Three samples of known concentration were tested in forty separate assays to assess inter-assay precision.                 |
| Preparation and Storage | Store at 2-8 degree C. Stable for 6 months from date of receipt.                                                                                                                      |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for CRP elisa kit

**Principle of the Assay:** The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to C Reactive Protein(CRP). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to C Reactive Protein(CRP). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain C Reactive Protein(CRP), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of C Reactive Protein(CRP) in the samples is then determined by comparing the OD of the samples to the standard curve.

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

[Tumor immunity](#); [Infection immunity](#); [Cardiovascular biology](#); [Rheumatology](#)

**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://www.aaabiotech.com/cat-cattle-elisa-kits/crp-c-reactive-protein/273686>