

## Bovine Total bile acid ELISA Kit

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CATALOG #  
**AAA95663**

REACTIVITY  
**Bovine**

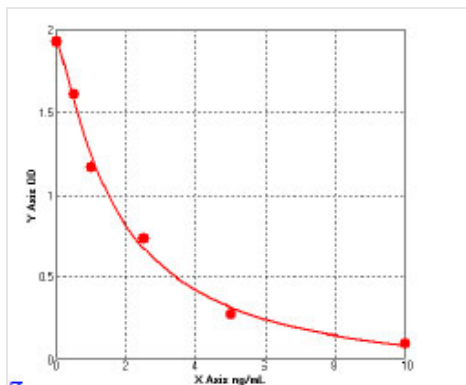
### PRODUCT SYNONYMS

Total bile acid; Bovine Total bile acid ELISA Kit; Total bile acid elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Bovine                                                                                                                                                                                                                                                                                                                                                                                |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of TBA. No significant cross-reactivity or interference between TBA and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between TBA 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 umol/L                                                                                                                                                                                                                                                                                                                                                                            |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                   |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

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| Related Product Information for Total bile acide elisa kit | <p>Intended Uses: This TBA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine TBA. This ELISA kit for research use only!</p> <p>Principle of the Assay: TBA ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-TBA antibody and an TBA-HRP conjugate. The assay sample and buffer are incubated together with TBA-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 TBA concentration since TBA from samples and TBA-HRP conjugate compete for the anti-TBA antibody binding site. Since the number of sites is limited, as more sites are occupied by TBA from the sample, fewer sites are left to bind TBA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The TBA concentration in each sample is interpolated from this standard curve.</p> |
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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/bovine-ovine-elisa-kits/total-bile-acide/95663>