

## Human beta naphthol ELISA Kit | beta naphthol elisa kit

Human beta naphthol ELISA Kit

CATALOG #  
**AAA246586**

REACTIVITY  
**Human**

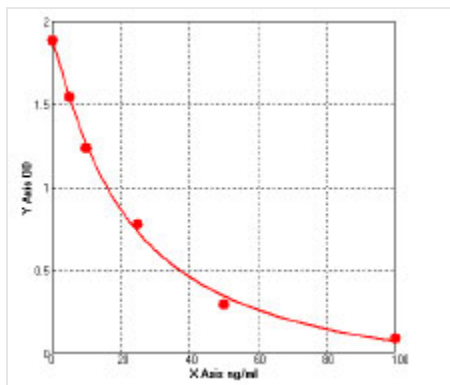
### PRODUCT SYNONYMS

beta naphthol; Human beta naphthol ELISA Kit; Human b naphthol ELISA Kit; beta naphthol elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                          |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of betaNP. No significant cross-reactivity or interference between betaNP and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between betaNP 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             | 1.0 ng/mL                                                                                                                                                                                                                                                                                                                                                                                      |
| 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 beta naphthol elisa kit | <p>Intended Uses: This betaNP ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human betaNP. This ELISA kit for research use only, not for therapeutic or test applications!</p> <p>Principle of the Assay: betaNP ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-betaNP antibody and an betaNP-HRP conjugate. The assay sample and buffer are incubated together with betaNP-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 betaNP concentration since betaNP from samples and betaNP-HRP conjugate compete for the anti-betaNP antibody binding site. Since the number of sites is limited, as more sites are occupied by betaNP from the sample, fewer sites are left to bind betaNP-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The betaNP 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.

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/human-elisa-kits/beta-naphthol/246586>