

## General EE (Ethinylestradiol) ELISA Kit | EE elisa kit

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CATALOG #  
**AAA28018**

REACTIVITY  
**General**

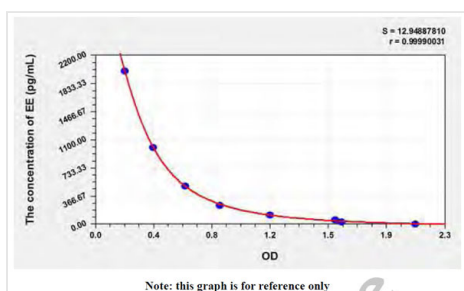
### PRODUCT SYNONYMS

EE (Ethinylestradiol); General EE (Ethinylestradiol) ELISA Kit; Ethinyl Estradiol ; Ethynyl Estradiol; Ethinyl Oestradiol; EE elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | General                                                                                                                                                                |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of EE. No significant cross-reactivity or interference between EE and analogues was observed.  |
| Assay Type              | Competitive                                                                                                                                                            |
| Detection Range         | 31.25-2000 pg/mL                                                                                                                                                       |
| Sensitivity             | 9.34 pg/mL                                                                                                                                                             |
| Intra-assay Precision   | Intra-assay Precision (Precision within an assay)?CV% < 8%. Three samples of known concentration were tested twenty times on 1 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 EE elisa kit

Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with EE protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to EE. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 EE in the samples is then determined by comparing the OD of the samples to the standard curve.

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

[Endocrinology](#); [Reproductive science](#); [Hormone metabolism](#)

**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/general-elisa-kits/ee-ethinylestradiol/28018>