

## Human DEFa5 (Defensin Alpha 5, Paneth Cell Specific) ELISA Kit | DEFa5 elisa kit

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CATALOG #  
**AAA271097**

REACTIVITY  
**Human**

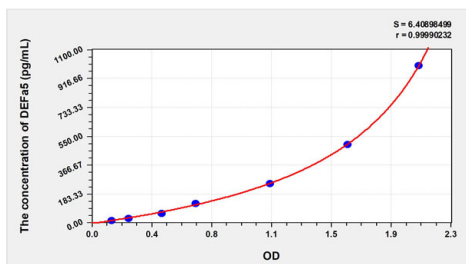
### PRODUCT SYNONYMS

DEFa5 (Defensin Alpha 5; Paneth Cell Specific); Human DEFa5 (Defensin Alpha 5; Paneth Cell Specific) ELISA Kit; DEF-A5; DEF5; HD-5; DEFa5 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                      |
|-------------------------|------------------------------------------------------------------------------------------------------|
| Reactivity              | Human                                                                                                |
| Samples                 | serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids |
| Assay Type              | Sandwich                                                                                             |
| Detection Range         | 15.63-1000 pg/mL                                                                                     |
| Sensitivity             | 5.9 pg/mL                                                                                            |
| Intra-assay Precision   | CV%<8%                                                                                               |
| Inter-assay Precision   | CV%<10%                                                                                              |
| 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 DEFa5 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 Defensin Alpha 5, Paneth Cell Specific(DEFa5). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Defensin Alpha 5, Paneth Cell Specific(DEFa5). 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 Defensin Alpha 5, Paneth Cell Specific(DEFa5), 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  $\pm$  10nm. The concentration of Defensin Alpha 5, Paneth Cell Specific(DEFa5) in the samples is then determined by comparing the OD of the samples to the standard curve.

#### Product Categories/Family for DEFa5 elisa kit

Infection immunity; Hepatology; Gastroenterology

**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/human-elisa-kits/defa5-defensin-alpha-5-paneth-cell-specific/271097>