

## Human LZMc (Lysozyme C) ELISA Kit | LZMc elisa kit

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CATALOG #  
AAA277135

REACTIVITY  
Human

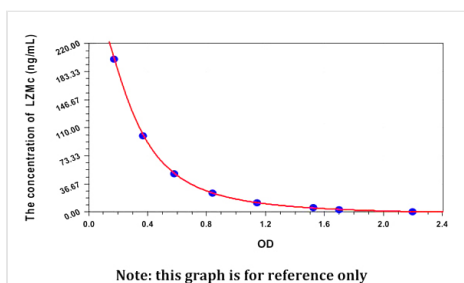
### PRODUCT SYNONYMS

LZMc (Lysozyme C); Human LZMc (Lysozyme C) ELISA Kit; Lysozyme C; Muramidase; 4 beta N acetylmuramidase C; LZMc elisa kit

### PRODUCT SPECIFICATIONS

|                       |                                                                                                                                                                                       |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity            | Human                                                                                                                                                                                 |
| Specificity           | This assay has high sensitivity and excellent specificity for detection of Human LZMc. No significant cross-reactivity or interference between Human LZMc and analogues was observed. |
| Assay Type            | Competitive                                                                                                                                                                           |
| Detection Range       | 3.13-200 ng/mL                                                                                                                                                                        |
| Sensitivity           | 1.36 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.                  |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for LZMc 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 Lysozyme C(LZMc) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Lysozyme C(LZMc). 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  $\pm$  10nm. The concentration of Lysozyme C(LZMc) in the samples is then determined by comparing the OD of the samples to the standard curve.

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

Enzyme &amp; Kinase; Infection immunity

**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/lzmc-lysozyme-c/277135>