

## Simian BMG/b2-MG (beta-2-Microglobulin) ELISA kit

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This kit applies sandwich ELISA method for the quantitative detection of BMG/b2-MG (beta-2-Microglobulin) in simian samples. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Simian BMG/b2-MG. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Simian BMG/b2-MG. 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 Simian BMG/b2-MG, 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 Simian BMG/b2-MG in the samples is then determined by comparing the OD of the samples to the standard curve.

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| Catalog No.          | 3248167                                       |
| Size                 | 96-Wells                                      |
| Product Category     | ELISA (Quantitative)                          |
| Reactivity           | Simian  |
| Sample               | Serum; Plasma; Urine; Other Biological Fluids |
| Assay Method         | Sandwich ELISA                                |
| Assay Duration       | 3.5 hours                                     |
| Sensitivity          | 1.19 ng/mL                                    |
| Standard Curve Range | 3.13-200 ng/mL                                |
| Storage/Stability    | -20°C/1 year; 4°C/6 months                    |