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Product Datasheet

Rat Microtubule Associated Protein 1 Light Chain 3 Alpha (MAP1LC3a) ELISA Kit BYT-ORB781924

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| Artikelname | Rat Microtubule Associated Protein 1 Light Chain 3 Alpha (MAP1LC3a) ELISA Kit |
| Artikelnummer | BYT-ORB781924 |
| Hersteller Artikelnummer | orb781924 |
| Alternativnummer | BYT-ORB781924-48, BYT-ORB781924-96 |
| Hersteller | Biorbyt |
| Kategorie | Kits/Assays |
| Applikation | ELISA |
| Spezies Reaktivität | Rat |
| Produktbeschreibung | 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 Microtubule Associated Protein 1 Light Chain 3 Alpha(MAP1LC3a).... |
| Konzentration | 20 ng/mL |
| Detektionsbereich | 0.32-20 ng/mL |
| Sensitivitaet | 0.127 ng/mL |
| UniProt | Q6XVN8 |
| Proben | Tissue homogenates, cell lysates and other biological fluids. |

Anwendungsbeschreibung

Application Notes: standard: 20 ng/mL. Test principle: 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 Rat MAP1LC3a. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat MAP1LC3a. 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 Rat MAP1LC3a, 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 10nm. The concentration of Rat MAP1LC3a in the samples is then determined by comparing the OD of the samples to the standard curve