

## Mouse Antigen KI-67 (Ki-67) ELISA Kit | MKI67 elisa kit

Mouse Antigen KI-67 (Ki-67) ELISA Kit

CATALOG #  
**AAA27344**

REACTIVITY  
**Mouse**

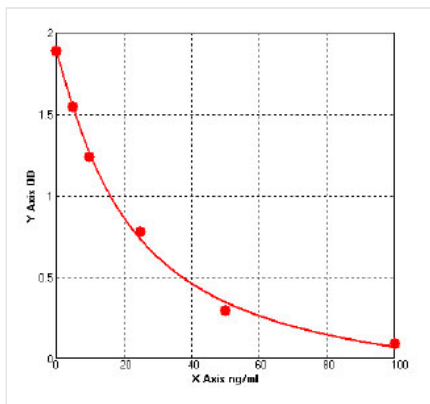
### PRODUCT SYNONYMS

Antigen KI-67 (Ki-67); Mouse Antigen KI-67 (Ki-67) ELISA Kit; MKI67 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                                                                                                                                                                                                                       |
| Specificity             | This assay has high sensitivity and excellent specificity for detection of Ki-67. No significant cross-reactivity or interference between Ki-67 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between Ki-67 and all the analogues, therefore, cross reaction may still exist in some cases. |
| Assay Type              | Quantitative Competitive                                                                                                                                                                                                                                                                                                                                                                    |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate                                                                                                                                                                                                                                                                                                                  |
| Sensitivity             | 1.0 ng/mL                                                                                                                                                                                                                                                                                                                                                                                   |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                                                                                                                                                                                                                                                                                                                                         |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for MKI67 elisa kit | <p>Principle of the Assay: Ki-67 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-Ki-67 antibody and an Ki-67-HRP conjugate. The assay sample and buffer are incubated together with Ki-67-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the Ki-67 concentration since Ki-67 from samples and Ki-67-HRP conjugate compete for the anti-Ki-67 antibody binding site. Since the number of sites is limited, as more sites are occupied by Ki-67 from the sample, fewer sites are left to bind Ki-67-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Ki-67 concentration in each sample is interpolated from this standard curve.</p> <p>Intended Uses: This Ki-67 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse Ki-67. This ELISA kit for research use only, not for therapeutic or diagnostic applications!</p> |
| Product Categories/Family for MKI67 elisa kit   | Cancer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 118572663                                                                                                                                          |
| NCBI GeneID                      | 4288                                                                                                                                               |
| Molecular Weight                 | 319,444 Da                                                                                                                                         |
| NCBI Official Full Name          | Antigen KI-67                                                                                                                                      |
| NCBI Official Synonym Full Names | marker of proliferation Ki-67                                                                                                                      |
| NCBI Official Symbol             | MKI67                                                                                                                                              |
| NCBI Official Synonym Symbols    | KIA; MIB-; MIB-1; PPP1R105                                                                                                                         |
| NCBI Protein Information         | antigen KI-67; proliferation-related Ki-67 antigen; protein phosphatase 1, regulatory subunit 105; antigen identified by monoclonal antibody Ki-67 |
| UniProt Protein Name             | Antigen KI-67                                                                                                                                      |
| UniProt Gene Name                | MKI67                                                                                                                                              |
| UniProt Entry Name               | KI67_HUMAN                                                                                                                                         |

**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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/mki67-mouse-elisa-kits/antigen-ki-67-ki-67/27344>