

## Befovacimab ELISA Kit

SKU: GXEL00108 | Assay: Quantitative ELISA (Colorimetric)

The Befovacimab ELISA Kit (SKU: GXEL00108) is a high-sensitivity quantitative ELISA for the quantitative measurement of Befovacimab in Plasma, Serum. The assay covers a detection range of 0.31-5 µg/mL with a sensitivity of 0.156 µg/ml and is read colorimetrically at 450 nm.

**Background:** Bevacizumab is a recombinant human IgG1 monoclonal antibody specific for all human vascular endothelial growth factor-A (VEGF-A) isoforms. The humanized anti-VEGF monoclonal antibody, bevacizumab, has been approved by the FDA as a first-line treatment for metastatic colorectal cancer in combination with chemotherapy. The pharmacokinetic properties of bevacizumab in several species have been previously described and are consistent with a typical humanized monoclonal antibody. It was shown in the literature that the surveillance of circulating concentration during maintenance therapy represents a direct and/or indirect factor for some other side effects. Identification of biomarkers for (non-)response and risk factors for adverse drug reactions that might be related to serum concentrations and maintaining the effective concentration of Bevacizumab in order to potentially avoid some side effects with a reliable method might be beneficial.

### Specifications

|                   |                                                       |
|-------------------|-------------------------------------------------------|
| Product Name      | Befovacimab ELISA Kit                                 |
| SKU               | GXEL00108                                             |
| Accession         | P10646                                                |
| Alternative Names | BAY-1093884                                           |
| Assay Type        | Quantitative                                          |
| Detection Method  | Colorimetric                                          |
| Sensitivity       | 0.156 µg/ml                                           |
| Detection Range   | 0.31-5 µg/mL                                          |
| Recovery          | 80-120%                                               |
| Sample Types      | Plasma, Serum                                         |
| Storage           | 2-8°C. See Storage & Stability.                       |
| Note              | For Research Use Only. Not for diagnostic procedures. |

### Storage & Stability

The stability of ELISA kit is determined by the loss rate of activity. The loss rate of this kit is less than 10% prior to the expiration date under appropriate storage condition. Store at 2-8°C on receipt; avoid repeated freeze-thaw cycles.

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