

## Avelumab ELISA Kit

SKU: **GXEL00253** | Assay: Quantitative ELISA (Colorimetric)

The Avelumab ELISA Kit (SKU: GXEL00253) is a high-sensitivity quantitative ELISA for the quantitative measurement of Avelumab 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:** Avelumab (Bavencio®) is a fully human anti-PD-L1 IgG1 lambda monoclonal antibody that has a molecular weight of approximately 147 kDa. Avelumab binds PD-L1 and blocks the interaction between PD-L1 and its receptors PD-1 and B7-1. By inhibiting PD-L1 interactions, avelumab is thought to enable the activation of T-cells and the adaptive immune system. By retaining anative Fc-region, avelumab is thought to engage the innate immune system and may induce antibody-dependent cell-mediated cytotoxicity. Importantly, avelumab has not shown antibody-dependent cell mediated cytotoxicity against immune cell subsets in humans.

### Specifications

<b>Product Name</b>	Avelumab ELISA Kit
<b>SKU</b>	GXEL00253
<b>Accession</b>	Q9NZQ7
<b>Alternative Names</b>	MSB-0010718C, MSB0010682, , 1537032-82-8
<b>Assay Type</b>	Quantitative
<b>Detection Method</b>	Colorimetric
<b>Sensitivity</b>	0.156 µg/ml
<b>Detection Range</b>	0.31-5 µg/mL
<b>Recovery</b>	80-120%
<b>Sample Types</b>	Plasma, Serum
<b>Storage</b>	2-8°C. See Storage & Stability.
<b>Note</b>	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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