

Crizanlizumab ELISA Kit

SKU: GXEL00141 | Assay: Quantitative ELISA (Colorimetric)

The Crizanlizumab ELISA Kit (SKU: GXEL00141) is a high-sensitivity quantitative ELISA for the quantitative measurement of Crizanlizumab 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: Crizanlizumab is a humanized monoclonal antibody directed against P-selectin that showed effectiveness in preventing VOC induced pain crises. Median rate of pain crises was 1.63 in crizanlizumab treated group versus 2.998 in placebo group. Furthermore, the median time to crisis was 4.07 months with crizanlizumab compared to 1.38 in the placebo group. The benefits of treatment held true within subgroups including those with a high number of VOC prior to treatment and those with more severe genotype. The drug is FDA approved to reduce the frequency of VOC in adults and pediatric patients with SCD aged 16 years and older.

Specifications

Product Name	Crizanlizumab ELISA Kit
SKU	GXEL00141
Accession	P16109
Alternative Names	SeIG1, 1690318-25-2
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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