

Canakinumab ELISA Kit

SKU: GXEL00048 | Assay: Quantitative ELISA (Colorimetric)

The Canakinumab ELISA Kit (SKU: GXEL00048) is a high-sensitivity quantitative ELISA for the quantitative measurement of Canakinumab 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: Canakinumab (ACZ885, Ilaris) is a human anti-IL-1 β monoclonal antibody developed by Novartis. its mode of action is based on the neutralization of 1 β signaling, resulting in suppression of inflammation in patients with disorders of autoimmune origin. In June 2009 the drug was approved by the US Food and Drug Administration for the treatment of familial cold auto-inflammatory syndrome and Muckle-wells syndrome, which are inflammatory diseases related to cryopyrin-associated periodic syndromes. The drug is currently being evaluated for its potential in the treatment of rheumatoid arthritis, systemic-onset juvenile idiopathic arthritis, chronic obstructive pulmonary disease, type 1 and 2 diabetes and ocular diseases. Reports from clinical trials suggest that canakinumab is well-tolerated in most patients, and no serious adverse effects have been reported. The drug provides significant advantages over existing competitive therapies, including bimonthly administration and approved use in children.

Specifications

Product Name	Canakinumab ELISA Kit
SKU	GXEL00048
Accession	P01584
Alternative Names	ACZ885, 914613-48-2
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.

Assay Genie Ltd, 25 Windsor Place, Dublin 2, D02 VY42, Ireland | +353 1 563 9720 | www.assaygenie.com | techsupport@assaygenie.com
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