

Certolizumab ELISA Kit

SKU: GXEL00037 | Assay: Quantitative ELISA (Colorimetric)

The Certolizumab ELISA Kit (SKU: GXEL00037) is a high-sensitivity quantitative ELISA for the quantitative measurement of Certolizumab in Plasma, Serum. The assay covers a detection range of 468.75 - 30, 000 ng/mL with a sensitivity of 329.66 ng/mL and is read colorimetrically at 450 nm.

Background: Certolizumab pegol is a recombinant, humanized F(ab)' fragment of an antibody conjugated to polyethylene glycol to enhance its plasma half-life. It does not contain an FC region and therefore does not cause antibody-dependent cell-mediated or complement-dependent cytotoxicity as described for infliximab, etanercept, and adalimumab. Another difference is that certolizumab pegol preferentially penetrates inflamed tissue compared to noninflamed tissue, and does so to a greater extent than adalimumab or infliximab. It is directed against soluble and membrane-associated human TNF- α and was approved for the treatment of Crohn's disease that does not respond to conventional therapy in 2008 and for RA in 2009.

Specifications

Product Name	Certolizumab ELISA Kit
SKU	GXEL00037
Accession	P01375
Alternative Names	CDP870, PHA-738144, Certolizumab pegol, 428863-50-7
Assay Type	Quantitative
Detection Method	Colorimetric
Sensitivity	329.66 ng/mL
Detection Range	468.75 - 30, 000 ng/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

When the kit was stored at the recommended temperature for 6 months, the signal intensity decreased by less than 20%. For unopened kits, if you want to prolong the storage time, please store the Standard, Detection A, Detection B and Microplate at -20 °C, the rest reagents should be store at 4°C. Store at 2-8°C on receipt; avoid repeated freeze-thaw cycles.

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