

Product Information	
Catalog No.	EL10018
Product name	Golimumab ELISA Kit
Applications	ELISA
Accession	P01375
Detection method	Colorimetric
Sample type	Plasma, Serum
Assay type	Quantitative
Sensitivity	40.1 ng/mL
Range	62.5 - 4, 000 ng/mL
Recovery	80-120%
Stability and Storage	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 - 20deg C, the rest reagents should be store at 4deg C.
Alternative Names	CNTO 148, 476181-74-5
Shipping	2-8 deg C
Note	For Research Use Only.

Background

Golimumab (Simponi®) is a human immunoglobulin G1? monoclonal antibody which is specific for pro-inflammatory cytokine, tumor necrosis factor- α (TNF α). In 2009, it was approved by FDA for the treatment of rheumatoid arthritis, psoriatic arthritis and ankylosing spondylitis in adult patients. Elevated levels of TNF are found in the synovial fluid of rheumatoid arthritis, including juvenile idiopathic arthritis, psoriatic arthritis, and ankylosing spondylitis patients and play an important role in both the pathologic inflammation and the joint destruction that are hallmarks of these diseases. Increased levels of TNF are also found in psoriasis (Ps) plaques. Golimumab binds to both the soluble and transmembrane bioactive forms of human TNF and prevent TNF from binding to its receptors and finally inhibits biological activity of TNF.