TNF-α (mouse), ELISA kit

The TNF-α (mouse), ELISA kit is a colorimetric immunometric enzyme immunoassay kit

The TNF-α (mouse), EIA kit is a colorimetric immunometric enzyme immunoassay kit with results in 5 hours. Absorbance is read at 450 nm.

Tumor Necrosis Factor-α (TNF-α) is a 17.5 kDa, 157 amino acid protein that is a potent lymphoid factor, which exerts cytotoxic effects on a wide range of tumor cells and other target cells. TNF-α has been suggested to play a pro-inflammatory role and has been detected in synovial fluid of patients with rheumatoid arthritis. It is the primary mediator of immune regulation. The biosynthesis of TNF-α is tightly controlled, being produced in extremely small quantities in quiescent cells, but is a major secreted factor in activated cells.

Citations: 43 View Online »

Ordering Information

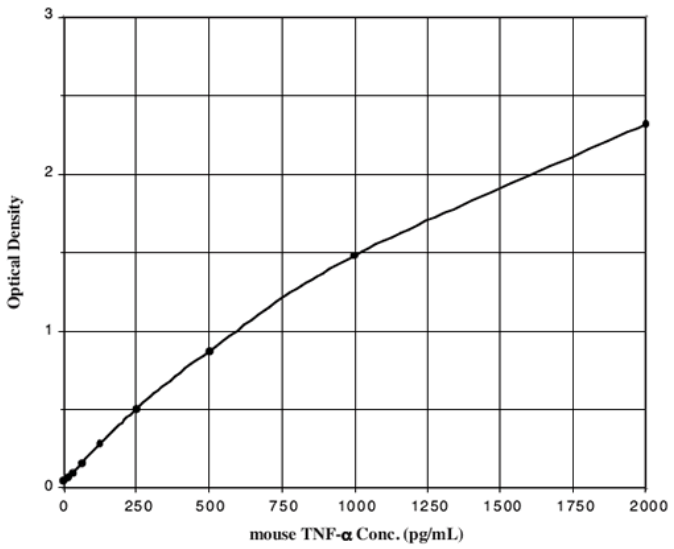
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ADI-900-047	96 wells

Manuals, SDS & CofA

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- Stable color coded reagents and pre-coated plates reduce errors
- Assay up to 38 samples in just 5 hours
- Save time, money, and precious sample compared to Western blot analysis


Optical Density
3
2
1
0
0
250
500
750
1000
1250
1500
1750
2000
mouse TNF-α Conc. (pg/mL)

Handling & Storage

Use/Stability	Store all components at 4°C, except standard at -20°C.
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Tumor necrosis factor-α, TNFSF 2
Application	Colorimetric detection, ELISA
Application Notes	For the quantitative determination of mouse TNF-α in culture supernatants and serum. Cited sample type includes tissue (ref. 1) and plasma.
Assay Time	5 hours
Compatibility	This product is compatible with the **Absorbance 96 Plate Reader**.
Contents	Microtiter plate, Conjugate, Antibody, Assay buffer 16, Wash buffer concentrate, Standard, TMB Substrate, Stop solution
Sensitivity	3.9 pg/ml (range 15.63 – 2,000 pg/ml)
Species Reactivity	Mouse
Technical Info / Product Notes	**Cited samples:** Cytokine ELISAs Cited Samples
UniProt ID	P06804
Wavelength	450 nm

Last modified: November 5, 2025

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