

CERTIFICATE OF ANALYSIS

Product Information

Product Name:	Tumor Necrosis Factor-alpha (TNF- α), Mouse
Cat. No.:	Z02918-20; Z02918-100; Z02918-1
Lot No.:	P20011204
Size:	20 μ g/vial; 100 μ g /vial; 1mg/vial
Storage Condition:	Lyophilized recombinant mouse Tumor Necrosis Factor-alpha (rmTNF- α) remains stable up to 6 months at lower than -70°C from date of receipt. Upon reconstitution, rmTNF- α should be stable up to 1 week at 4°C or up to 2 months at -20°C.

Quality Control

Test Items	Specifications	Results
Physical Appearance	White Freeze-dried Powder	Conformed
Purity (SDS-PAGE)	> 95%	Conformed
Specific Activity	< 0.01ng/ml	0.007 ng/ml
Molecular Weight	17 \pm 1.7 kDa	Conformed
Bacterial Endotoxin	< 1 EU/ μ g	Conformed

Caution:

For laboratory use only. Not for household use. If you have any questions about the Certificate of Analysis, please contact our customer service representative at 1-877-436-7274 (Toll-Free), or 1-732-885-9188.

Certified by:  Date: 07/25/2012

Protein Department