Materials List for:

Determination of the Relative Potency of an Anti-TNF Monoclonal Antibody (mAb) by Neutralizing TNF Using an *In Vitro* Bioanalytical Method

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Materials

Name	Company	Catalog Number	Comments
WEHI 164	ATCC	CRL-1751	Fibrosarcoma cells from Mus musculus
RPMI-1640 Medium	ATCC	30-2001	Store medium at 2 °C to 8 °C
RPMI 1640 Medium, no phenol red	GIBCO	11835-030	Store medium at 2 °C to 8 °C
Trypsin-EDTA(0.25%),phenol red	GIBCO	25200-056	Store medium at -10 °C to -20 °C
DPBS, no calcium, no magnesium	GIBCO	14190-136	Store medium at 2 °C to 8 °C
Recombinant Human TNF-alpha Protein	R&D Systems	210-TA-020	Store at -20 °C to -70 °C
Fetal Bovine Serum (U.S), Super Low IgG	HyClone	SH3089803	Store at -10 °C to -20 °C
Fetal Bovine Serum (U.S.), Characterized	HyClone	SH3007103	Store at -10 °C to -20 °C
Caspase-Glo 3/7 Assay kit	Promega	G8093	Store the Caspase-Glo. 3/7 Substrate and Caspase-Glo. 3/7 Buffer at –20 ºC protected fromLight
EDTA, Disodium Salt, Dihydrate, Crystal, A.C.S. Reagent	J.T.Baker	8993-01	--
Sample mAb Adalimumab	Probiomed	NA	Final concentrations in the microplate are: 0.666, 0.333, 0.167, 0.111, 0.083, 0.056, 0.042, 0.028, 0.014 and 0.004 µg/mL
Reference and Control mAb Adalimumab	Abbvie	NA	Final concentrations in the microplate are: 0.666, 0.333, 0.167, 0.111, 0.083, 0.056, 0.042, 0.028, 0.014 and 0.004 µg/mL
Microplate Reader	Molecular Devices	89429-536	SpectraMax M3 Multi-Mode
Microplate reader Software	Molecular Devices	--	SoftMax Pro 6.3 GxP
Incubator	Revco	30482	Revco RNW3000TABB Forced-Air CO2
Laminar Flow Hood	The Baker Company	200256	Baker SG603A-HE | High Efficiency, Class II Type A2

