



bioauxilium

BETTER TOOLS. REAL DISCOVERIES.

NEW PRODUCTS!

THUNDER™ TR-FRET Biomarker Assay Kits

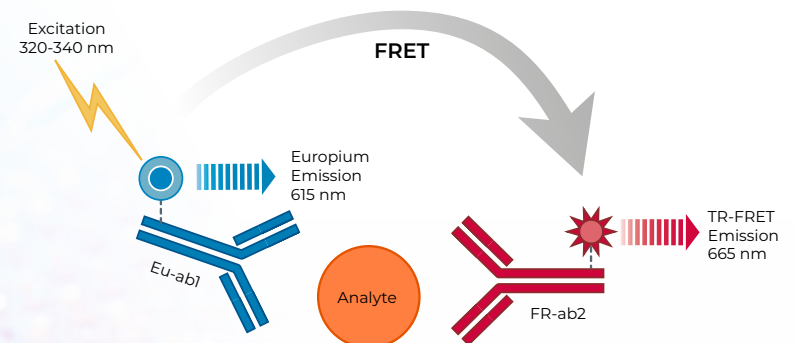
HIGH PERFORMANCE, HIGH QUALITY, AND OUTSTANDING VALUE

Accelerate your drug discovery research with our continuously expanding portfolio of Biomarker Assay Kits. Based on BioAuxilium's highly sensitive, robust, and cost-effective THUNDER™ TR-FRET technology platform, these cell-based assays are designed to quantitate key human cytokines, chemokines, and soluble biomarkers in cell supernatants in a simple, rapid, reproducible, and consistent manner. They offer a real alternative to cumbersome and time-consuming ELISA and other expensive TR-FRET technologies.

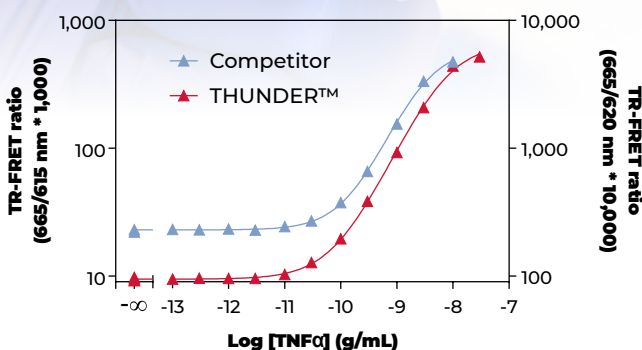
Key Advantages

SUPERIOR PERFORMANCE	Use of high-quality antibody pairs specifically selected for TR-FRET combined with optimally formulated assay buffers for high performance and reproducible results.
RIGOROUS VALIDATION	Includes sensitivity, intra- and inter-assay precision, recovery, dilutional linearity, and supernatant samples, as well as lot-to-lot consistency and kit stability.
STRICT MANUFACTURING	Rigorous quality control testing is done on each kit component and each complete kit to make sure sensitivity, background, and signal remain consistent between kit lots.
AFFORDABLE	The most cost-effective TR-FRET immunoassay kits on the market.
OUTSTANDING TECHNICAL SUPPORT	Get timely and useful technical support from the same scientists that developed and validated the assay.

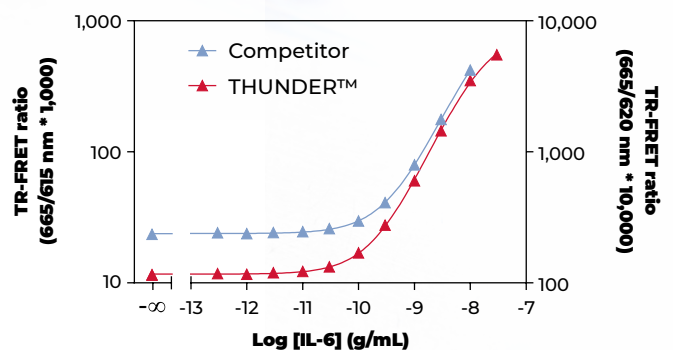
THUNDER™ TR-FRET technology



Benchmarking THUNDER™ TNFα Assay



Benchmarking THUNDER™ IL-6 Assay



All THUNDER™ assays are benchmarked against competing TR-FRET assays to ensure superior or equivalent performance in terms of sensitivity, dynamic range, and signal-to-background as well as faster time to results.

ORDERING INFORMATION

PRODUCT **KIT SIZE¹**

Bulk quantities and lot reservation available for all kits.

		100 points	500 points	2 500 points	5 000 points	10 000 points	Required standard ²	
HUMAN BIOMARKERS		CCL2/MCP1	KIT-CCL2-100	KIT-CCL2-500	KIT-CCL2-2500	KIT-CCL2-5000	KIT-CCL2-10000	R&D Systems® 279 MC
	NEW	CCL3/MIP1α	KIT-CCL3-100	KIT-CCL3-500	KIT-CCL3-2500	KIT-CCL3-5000	KIT-CCL3-10000	R&D Systems® 270-LD
		CCL4/MIP-1β	KIT-CCL4-100	KIT-CCL4-500	KIT-CCL4-2500	KIT-CCL4-5000	KIT-CCL4-10000	R&D Systems® 271 BME
	NEW	CCL17/TARC	KIT-CCL17-100	KIT-CCL17-500	KIT-CCL17-2500	KIT-CCL17-5000	KIT-CCL17-10000	R&D Systems® 271 BME
	NEW	COL1A1	KIT-COL1A1-100	KIT-COL1A1-500	KIT-COL1A1-2500	KIT-COL1A1-5000	KIT-COL1A1-10000	R&D Systems® 6220-CL
	NEW	CXCL1/GROα	KIT-CXCL1-100	KIT-CXCL1-500	KIT-CXCL1-2500	KIT-CXCL1-5000	KIT-CXCL1-10000	R&D Systems® 275-GR
	NEW	CXCL9/MIG	KIT-CXCL9-100	KIT-CXCL9-500	KIT-CXCL9-2500	KIT-CXCL9-5000	KIT-CXCL9-10000	Sino Biological 10888-HNAE
	NEW	Fibronectin	KIT-FN-100	KIT-FN-500	KIT-FN-2500	KIT-FN-5000	KIT-FN-10000	R&D Systems® 1918-FN
		GM-CSF	KIT-GMCSF-100	KIT-GMCSF-500	KIT-GMCSF-2500	KIT-GMCSF-5000	KIT-GMCSF-10000	R&D Systems® 7954-GM
	NEW	IFNα	KIT-IFNA-100	KIT-IFNA-500	KIT-IFNA-2500	KIT-IFNA-5000	KIT-IFNA-10000	R&D Systems® 11013-IF
	NEW	IFNβ	KIT-IFNB-100	KIT-IFNB-500	KIT-IFNB-2500	KIT-IFNB-5000	KIT-IFNB-10000	R&D Systems® 8499-IF
		IFNγ	KIT-IFNG-100	KIT-IFNG-500	KIT-IFNG-2500	KIT-IFNG-5000	KIT-IFNG-10000	R&D Systems® 285 IF 100
	NEW	IL-1α	KIT-IL1A-100	KIT-IL1A-500	KIT-IL1A-2500	KIT-IL1A-5000	KIT-IL1A-10000	R&D Systems® 200 LA
		IL-1β	KIT-IL1B-100	KIT-IL1B-500	KIT-IL1B-2500	KIT-IL1B-5000	KIT-IL1B-10000	R&D Systems® 201 LB
		IL-2	KIT-IL2-100	KIT-IL2-500	KIT-IL2-2500	KIT-IL2-5000	KIT-IL2-10000	R&D Systems® 202 IL
		IL-6	KIT-IL6-100	KIT-IL6-500	KIT-IL6-2500	KIT-IL6-5000	KIT-IL6-10000	ProSpec CYT 213
		IL-8/CXCL8	KIT-IL8-100	KIT-IL8-500	KIT-IL8-2500	KIT-IL8-5000	KIT-IL8-10000	ProSpec CHM 327
		IL-10	KIT-IL10-100	KIT-IL10-500	KIT-IL10-2500	KIT-IL10-5000	KIT-IL10-10000	R&D Systems® 217 IL
		IL-11	KIT-IL11-100	KIT-IL11-500	KIT-IL11-2500	KIT-IL11-5000	KIT-IL11-10000	PeproTech® 200 11
		IL-12/IL-23 p40	KIT-IL12-100	KIT-IL12-500	KIT-IL12-2500	KIT-IL12-5000	KIT-IL12-10000	R&D Systems® 309 IL
	IL-12 p70	KIT-IL12P70-100	KIT-IL12P70-500	KIT-IL12P70-2500	KIT-IL12P70-5000	KIT-IL12P70-10000	R&D Systems® 219 IL	
	IL-17A	KIT-IL17A-100	KIT-IL17A-500	KIT-IL17A-2500	KIT-IL17A-5000	KIT-IL17A-10000	R&D Systems® 317 ILB	
	IL-18	KIT-IL18-100	KIT-IL18-500	KIT-IL18-2500	KIT-IL18-5000	KIT-IL18-10000	R&D Systems® 9124 IL	
	Insulin	KIT-INS-100	KIT-INS-500	KIT-INS-2500	KIT-INS-5000	KIT-INS-10000	Sigma-Aldrich® 19278	
NEW	MMP-3	KIT-MMP3-100	KIT-MMP3-500	KIT-MMP3-2500	KIT-MMP3-5000	KIT-MMP3-10000	R&D Systems® 513-MP	
NEW	MMP-7	KIT-MMP7-100	KIT-MMP7-500	KIT-MMP7-2500	KIT-MMP7-5000	KIT-MMP7-10000	R&D Systems® 907-MP	
NEW	PD-L1	KIT-PDL1-100	KIT-PDL1-500	KIT-PDL1-2500	KIT-PDL1-5000	KIT-PDL1-10000	R&D Systems® 156-B7	
	TNFα	KIT-TNFA-100	KIT-TNFA-500	KIT-TNFA-2500	KIT-TNFA-5000	KIT-TNFA-10000	R&D Systems® 210 TA	
NEW	VEGF	KIT-VEGF-100	KIT-VEGF-500	KIT-VEGF-2500	KIT-VEGF-5000	KIT-VEGF-10000	Peprtech® 100-20	
MOUSE BIOMARKERS	NEW	CCL2/MCP1	KIT-MCCL2-100	KIT-MCCL2-500	KIT-MCCL2-2500	KIT-MCCL2-5000	KIT-MCCL2-10000	R&D Systems® 479-JE
	NEW	IFNβ	KIT-MIFNB-100	KIT-MIFNB-500	KIT-MIFNB-2500	KIT-MIFNB-5000	KIT-MIFNB-10000	R&D Systems® 8234-MB
	NEW	IFNγ	KIT-MIFNG-100	KIT-MIFNG-500	KIT-MIFNG-2500	KIT-MIFNG-5000	KIT-MIFNG-10000	R&D Systems® 485-MI
	NEW	IL-1α	KIT-MIL1A-100	KIT-MIL1A-500	KIT-MIL1A-2500	KIT-MIL1A-5000	KIT-MIL1A-10000	R&D Systems® 400-ML
	NEW	IL-1β	KIT-MIL1B-100	KIT-MIL1B-500	KIT-MIL1B-2500	KIT-MIL1B-5000	KIT-MIL1B-10000	BioLegend® 575102
	NEW	IL-2	KIT-MIL2-100	KIT-MIL2-500	KIT-MIL2-2500	KIT-MIL2-5000	KIT-MIL2-10000	R&D Systems® 402-ML
	NEW	IL-6	KIT-MIL6-100	KIT-MIL6-500	KIT-MIL6-2500	KIT-MIL6-5000	KIT-MIL6-10000	R&D Systems® 406-ML
	NEW	TNFα	KIT-MTNFA-100	KIT-MTNFA-500	KIT-MTNFA-2500	KIT-MTNFA-5000	KIT-MTNFA-10000	R&D Systems® 410-MT
	NEW	VEGF	KIT-MVEGF-100	KIT-MVEGF-500	KIT-MVEGF-2500	KIT-MVEGF-5000	KIT-MVEGF-10000	R&D Systems® 493-MV
	BIOLOGICS/BIOPROCESS		Human IgG (Fc)	KIT-HIGG-100	KIT-HIGG-500	KIT-HIGG-2500	KIT-HIGG-5000	KIT-HIGG-10000
NEW		Mouse IgG	KIT-MIGG-100	KIT-MIGG-500	KIT-MIGG-2500	KIT-MIGG-5000	KIT-MIGG-10000	Jackson ImmunoResearch® 015-000-003
		Rabbit IgG (Fc)	KIT-RIGG-100	KIT-RIGG-500	KIT-RIGG-2500	KIT-RIGG-5000	KIT-RIGG-10000	Jackson ImmunoResearch® 011-000-003
NEW		CHO HCP	KIT-CHOHCP-100	KIT-CHOHCP-500	KIT-CHOHCP-2500	KIT-CHOHCP-5000	KIT-CHOHCP-10000	Cygnus Technologies® F018G

¹A point is an assay well; based on a total assay volume of 20 µL in a low-volume 384-well plate.

²The standard is not included in the kit.

KIT CONTENTS

- Europium-labeled antibody
- Far-red labeled antibody
- Optimized Assay Buffer
- Detailed assay protocol
- Comprehensive validation data

All products are available globally through our network of authorized distributors.



bioauxilium

CUSTOM ANTIBODY LABELING AND ASSAY DEVELOPMENT

Prefer to develop your own TR-FRET assay?

We can label your antibodies with our proprietary donor and acceptor fluorophores and develop a custom assay as per your specifications.

Contact us for a customized quote at info@bioauxilium.com

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