

# Cytokines and Chemokines

## NEW Tools for Cytokine and Chemokine Research

eBioscienceは、サイトカインおよびケモカイン解析に関して、新しく革新的な研究用試薬を開発しています。サイトカインおよびケモカイン研究のための最も新しい技術をご紹介します。

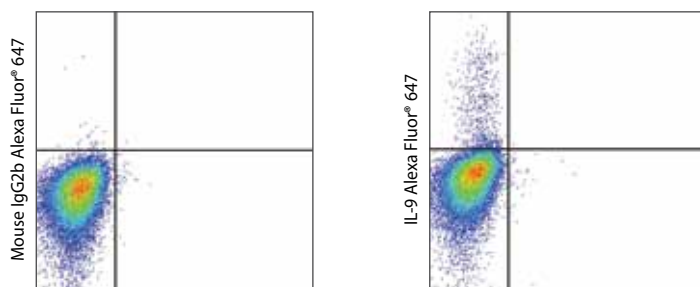
### FlowCytomix™ Multi-Analyte Detection System.

ビーズベースのフローサイトメトリー測定は25  $\mu$ lと少量のサンプル(血清、血漿、細胞培養上清)での使用に適しています。1回の反応で20種類の評価ができます。

### Instant ELISA®.

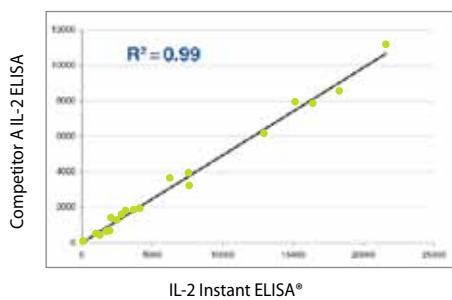
従来のELISAとは異なり、サンプルを添加するだけでアッセイがスタートします。このInstant ELISA®はより早く結果を出すためにセットアップ時間を短縮しており、従来のサンドイッチELISAに比べて大きく改善されています。ヒト、マウス、ラット、サルの可溶性サイトカインおよびケモカイン用のキットを販売しています。

## Human IL-9



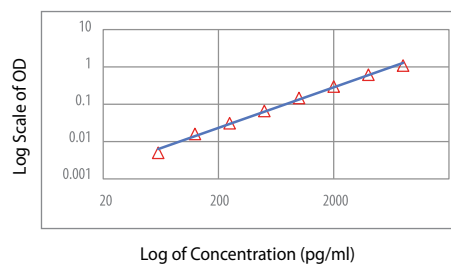
**Human IL-9:** Brefeldin A 存在下でPMAおよびIonomycinで再刺激後 Th2に分極したCD4+ PBMCを細胞内染色しフローサイトメトリーで解析しました。リンパ球は0.06  $\mu$ gの Alexa Fluor® 647標識マウスIgG2bアインタイプコントロール(左)または Alexa Fluor® 647標識抗ヒトIL-9抗体 (MH9A4) (右)(cat. no. 51-7097)で染色しました。

## IL-2 Instant ELISA®



**IL-2 Instant ELISA®** IL-2 Instant ELISA®(cat. no. BMS221INST) は血清サンプルの解析で従来のIL-2 ELISAと比較して0.99の相関係数が認められました。

## Mouse IL-17AF



**Mouse IL-17AF:** マウスIL-17AF ELISA Ready-SET-Go!® Set (cat. no. 88-7272)の標準曲線

2010 | April

### FEATURING

#### FLOWCYTOMIX™ MULTIPLEX ANALYTE DETECTION KITS

- Th1/Th2 11plex (h) **NEW**
- Th1/Th2 10plex (m) **NEW**
- Chemokine 6plex (h, m) **NEW**
- IFN- $\gamma$  (h, m) **NEW**
- IL-17A (h), IL-17 (m) **NEW**
- IL-22 (h, m) **NEW**
- IL-23 (h, m) **NEW**
- TNF- $\alpha$  (h, m) **NEW**

#### INSTANT ELISA® KITS

- IFN- $\alpha$  (h, m) **NEW**
- IFN- $\gamma$  (h, m) **NEW**
- IL-1 $\alpha$  (m) **NEW**
- IL-1 $\beta$  (h, m) **NEW**
- TGF- $\beta$ 1 (h) **NEW**
- TNF- $\alpha$  (h, m) **NEW**
- sTNFR1 (h) **NEW**
- sTNFR2 (m) **NEW**
- TWEAK (h) **NEW**

#### RECOMBINANT PROTEINS

- FGF-a (h, m)
- FGF-b (h, m)
- LIF (m) **NEW**
- RANKL (m)
- RANTES (h, m)
- TGF- $\beta$ 3 **NEW**

#### TH17 CYTOKINE FLOW PHENOTYPING PANELS

- Human **NEW**
- Mouse **NEW**

h=human, m=mouse

# Cytokines and Chemokines

Human Cytokine and Chemokine Research Products			
FlowCytomix™ Multiplex Kits			
Product	Cat. No.	Description	
Th1/Th2 11plex	BMS810FF	Multiplex Kit for human IFN- $\gamma$ , IL-1 $\beta$ , IL-2, IL-4, IL-5, IL-6, IL-8, IL-10, IL-12(p70), TNF- $\alpha$ , TNF- $\beta$	
Chemokine 6plex Kit	BMS813FF	Multiplex Kit for human G-CSF, IL-8, MCP-1, MIG, MIP-1 $\alpha$ , MIP-1 $\beta$	
Simplex Kits	Various	Kits available for targets including EGF, HGF, IFN- $\alpha$ , IFN- $\gamma$ , IL-6, IL-10, IL-17A, IL-22, IL-23, NGF, TGF- $\beta$ 1, TNF- $\alpha$ , TNF- $\beta$	
ELISA Kits, ELISPOT Kits, and Antibody Sets			
Product	Cat. No.	Description	
Instant ELISA® Kits	Various	Kits for over 50 targets including sCD40L, IFN- $\alpha$ , IFN- $\gamma$ , IL-2, RANTES, TNF- $\alpha$ , TNF- $\beta$ , and TWEAK	
IFN- 1	7389	ELISA Ready-SET-Go!® Set	
IL-8	7087	ELISA Ready-SET-Go!® Set	
IL-9	7958	ELISA Ready-SET-Go!® Set	
IL-15	7158	ELISA Ready-SET-Go!® Set	
IL-29	7296	ELISA Ready-SET-Go!® Set	
TSLP	7497	ELISA Ready-SET-Go!® Set	
Recombinant Proteins			
Product	Cat. No.	Description	
B18R	8185	Purified and Carrier-Free	
CCL5 (RANTES)	8970	Purified and Carrier-Free	
GM-CSF	8339	Purified and Carrier-Free	
FGF acidic	8987	Purified	
FGF basic 147	8986	Purified	
IFN- $\alpha$ 1	8318	Purified and Carrier-Free	
IFN- $\alpha$ 2	8316	Purified and Carrier-Free	
IL-8	8089	Purified and Carrier-Free	
IL-11	8119	Purified	
IL-15	8159	Purified and Carrier-Free	
IL-31	8310	Purified and Carrier-Free	
IL-33	8338	Purified and Carrier-Free	
Antibodies			
Product	Cat. No.	Clone	Formats
GM-CSF	7336	BVD2-23B6	FG Purified
	7337	BVD2-21C11	Alexa Fluor® 647
IL-8	7189	N11	Affinity Purified
IL-9	7097	MH9A4	Alexa Fluor® 647
IL-17A	7179	eBio64Dec17	FITC
	7098	MH9	PE
IL-22	7229	22URTI	PE, PerCP-eFluor® 710, Alexa Fluor® 647
Th17 Cytokine Flow Phenotyping Panel			
Product	Cat. No.	Description	
Th17 Cytokine Flow Phenotyping Panel	8419	Phenotyping Kit for Flow Cytometry, including CD4, IL-17A, IL-17F, IL-21, and IL-22	

Mouse Cytokine and Chemokine Research Products			
FlowCytomix™ Multiple Analyte Detection Kits			
Product	Cat. No.	Description	
Th1/Th2 10plex	BMS820FF	Multiplex Kit for mouse GM-CSF, IFN- $\gamma$ , IL-1 $\alpha$ , IL-2, IL-4, IL-5, IL-6, IL-10, IL-17, TNF- $\alpha$	
Chemokines 6plex	BMS821FF	Multiplex Kit for mouse GM-CSF, MCP-1, MCP-3, MIP-1 $\alpha$ , MIP-1 $\beta$ , RANTES	
Simplex Kits	Various	Kits available for 50 targets including CXCL1/KC, IFN- $\gamma$ , IL-1 $\beta$ , IL-22, IL-23, TGF- $\beta$ 1, and TNF- $\alpha$	
ELISA Kits, ELISPOT Kits, and Antibody Sets			
Product	Cat. No.	Description	
Instant ELISA® Kits	Various	Kits for mouse IFN- $\gamma$ , IL-1 $\alpha$ , IL-1 $\beta$ , IL-4, IL-10, MCP-3, MCP-5, RANTES, TNF- $\alpha$ , and sTNFRII	
IL-17AF	7272	ELISA Ready-SET-Go!® Set	
IL-17F	7472	ELISA Ready-SET-Go!® Set	
IL-21	8210	ELISA Ready-SET-Go!® Set	
	7210	ELISPOT Ready-SET-Go!® Set	
IL-22	7422	ELISA Ready-SET-Go!® Set	
IL-28	7284	ELISA Ready-SET-Go!® Set	
Granzyme B	8022	ELISA Ready-SET-Go!® Set	
TNFR-II	1203 & 1204	Purified (capture) & Biotin (detection) antibodies	
TSLP	7490	ELISA Ready-SET-Go!® Set	
Recombinant Proteins			
Product	Cat. No.	Description	
B18R	8185	Purified and Carrier-Free	
FGF acidic	8981	Purified	
FGF basic	8982	Purified	
HMGB1	8401	Purified and Carrier-Free	
IFN- $\alpha$ 2	8312	Purified and Carrier-Free	
IFN- $\alpha$ 4	8313	Purified and Carrier-Free	
IL-15	8153	Purified and Carrier-Free	
IL-28	8281	Purified and Carrier-Free	
IL-33	8332	Purified and Carrier-Free	
LIF	8521	Purified and Carrier-Free	
M-CSF	8983	Purified and Carrier-Free	
RANK Ligand	8612	Purified	
Antibodies			
Product	Cat. No.	Clone	Formats
CXCR3	1831	CXCR3-173	APC, Biotin, PE, PerCP-Cy5.5
		1H8PWSR	PE, PerCP-eFluor® 710
IL-22	7221	1H8PWSR	PE, PerCP-eFluor® 710
	7222	IL22JOP	FG Purified
TSLP	5491	eBio28F12	FG Purified
Th17 Cytokine Flow Phenotyping Panel			
Product	Cat. No.	Description	
Th17 Cytokine Flow Phenotyping Panel	8411	Phenotyping Kit for Flow Cytometry, including CD4, IL-17A, IL-17F, IL-21, and IL-22	

Visit [www.eBioscience.com](http://www.eBioscience.com) for listing of Instant ELISA® kits for monkey proteins.

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