

FlowCytomix™ Multiplex

Ready-to-Use

Human Th1/Th2 11plex Kit

Advantages of FlowCytomix

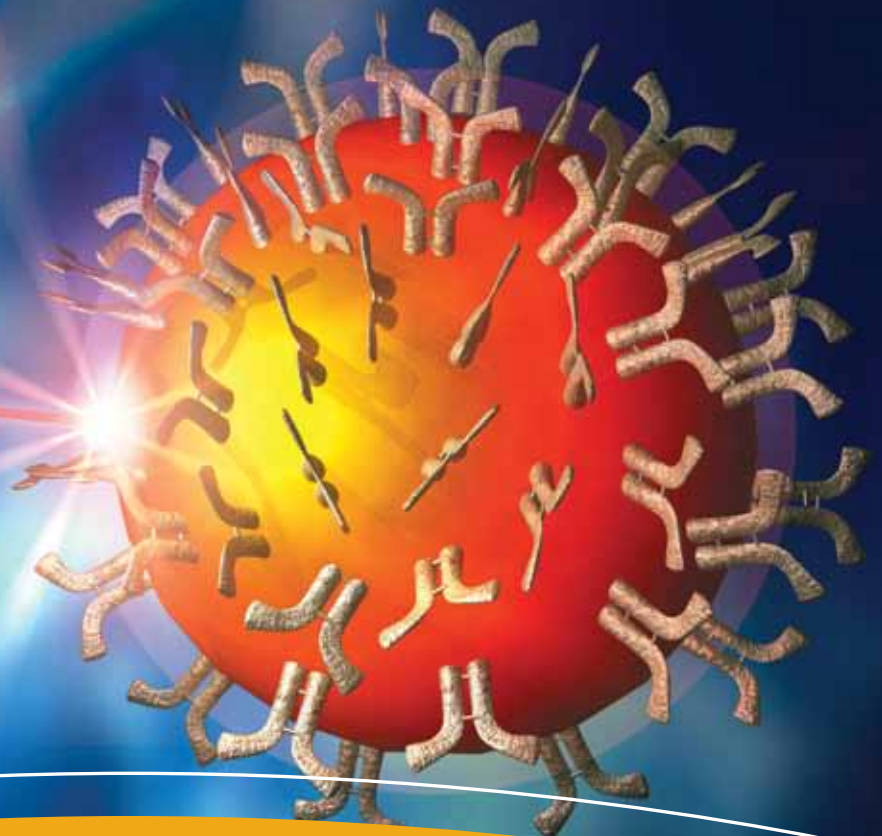
Ready-to-Use Kit

Easy-to-use

Time-saving

Accurate Results

Easy to customize



FlowCytomix™ Multiplex



Human Th1/Th2 11plex FlowCytomix™ Multiplex Ready-to-Use (RTU) Kit

Our most popular human Th1/Th2 cytokine 11plex for the simultaneous detection of **IFN- γ , IL-1 β , IL-2, IL-4, IL-5, IL-6, IL-8, IL-10, IL-12 (p70), TNF- α and TNF- β** is now available in a Ready-to-Use format. The designation “RTU” signifies that **all antibody coated bead populations, biotin conjugates, and lyophilized standards are premixed in one vial each.**

Less pipetting steps mean less potential sources of errors and more accurate results.

Simplify your lab work

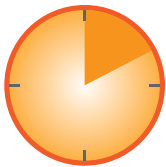
Simultaneous detection of 11 analytes (IFN- γ , IL-1 β , IL-2, IL-4, IL-5, IL-6, IL-8, IL-10, IL 12 (p70), TNF- α and TNF- β) with a kit as simple to set-up as one conventional ELISA.

- Only one vial of lyophilized standards needs to be reconstituted, instead of 11 vials of standards in the conventional format.
- No preparation of standard mixture.
- No preparation of bead or biotin-conjugate mixture.
- Easy calculation of reagent volumes.

The human Th1/Th2 11plex FlowCytomix™ Multiplex Ready-to-Use set-up time is 10 minutes.

Set-up in only 10 minutes

When you receive your kit, the laborious preparation work has already been performed for you. The human Th1/Th2 11plex FlowCytomix™ Multiplex Ready-to-Use Kit format can save about 1 hour hands-on time per kit as compared to a conventional format.



Reliable results

The human Th1/Th2 11plex FlowCytomix™ Multiplex Ready-to-Use Kit utilizes identical antibody pairs found in our conventional human Th1/Th2 11plex. If you are currently using the conventional human Th1/Th2 11plex format, you can be confident in switching to our Ready-to-Use format knowing that the data generated across the two kits will remain consistent. Sensitivities and standard ranges of the different analytes are identical in both formats.

Easy-to-use and still easy to customize

The human Th1/Th2 11plex FlowCytomix™ Multiplex Ready-to-Use Kit offers great flexibility. Choose from a menu of protein targets to create your own custom assay panel. Combination with up to nine Simplex kits such as IFN- α , IL-13, IL-17A, IL-18 or IL-22 is guaranteed.

Configuration of Human Th1/Th2 11plex FlowCytomix™ Multiplex **Ready-to-Use** Kit

11plex Ready-to-Use

PREMIXED Reagents

No need to prepare standard mixture!

- 2 (identical) vials of 11 premixed, lyophilized standard proteins

No need to prepare beads mixture!

- 1 vial of 11 premixed bead populations

No need to prepare biotin conjugate mixture!

- 1 vial of 11 biotin-conjugated antibodies

Conventional 11plex

SINGLE VIALS Require Preparation

Pipette standards into 1 vial

- 2 sets of 11 single vials of standard protein

Pipette beads into 1 vial

- 11 single vials of bead populations

Pipette Biotin Conjugates into 1 vial

- 11 single vials of biotin-conjugated antibodies

Human Th1/Th2 11plex FlowCytomix™ Multiplex RTU (BMS810FFRTU)			
Analyte	Bead Population	Range	Sensitivity
IFN-γ	A4	20000 – 27 pg/ml	1.6 pg/ml
IL-1β	B8	20000 – 27 pg/ml	4.2 pg/ml
IL-2	A6	20000 – 27 pg/ml	16.4 pg/ml
IL-4	B6	20000 – 27 pg/ml	20.8 pg/ml
IL-5	B7	20000 – 27 pg/ml	1.6 pg/ml
IL-6	A12	20000 – 27 pg/ml	1.2 pg/ml
IL-8	A10	10000 – 14 pg/ml	0.5 pg/ml
IL-10	A8	20000 – 27 pg/ml	1.9 pg/ml
IL-12 (p70)	A2	20000 – 27 pg/ml	1.5 pg/ml
TNF-α	B9	20000 – 27 pg/ml	3.2 pg/ml
TNF-β	B10	20000 – 27 pg/ml	2.4 pg/ml

Ready-to-Use Th1/Th2 11plex	Conventional Th1/Th2 11plex
Preparation 10 min	Preparation ≥ 60 min
<p>PREMIXED Lyophilized Standards</p> <p>PREMIXED Beads</p> <p>PREMIXED Biotin Conjugates</p>	<p>11 vials Standard (lyophilized)</p> <p>11 vials Beads (beads coupled with specific antibodies)</p> <p>11 vials Biotin-Conjugated Antibodies</p>

Combine up to 9 Simplex kits with Human Th1/Th2 11plex FlowCytomix™ RTU kit

FlowCytomix™ Simplex Kits					
Analyte	Cat. No.	Bead Population	Analyte	Cat. No.	Bead Population
APO-1/Fas*	BMS80245FF	A3	G-CSF	BMS82001FF	A11
CD40L	BMS8239/2FF	A3	ICAM-1	BMS80201FF	A11
HGF	BMS82069FF	A3	IL-22	BMS82047FF	A11
L-selectin	BMS80206FF	A3	IL-1α	BMS80243FF	B2
RANKL	BMS82005FF	A3	VEGF-A	BMS80277FF	B2
IL-17A	BMS82017FF	A5	CD30	BMS8240FF	B3
MIP-1β	BMS82030FF	A5	IFN-α	BMS8216FF	B3
Osteopontin	BMS82066FF	A5	PDGF-BB	BMS82071FF	B3
PECAM-1	BMS8229FF	A5	FGF-2	BMS82074FF	B4
t-PA	BMS8258FF	A5	IL-13	BMS8231FF	B4
VEGF-D	BMS82076FF	A5	MIG	BMS8285FF	B4
CD44var (v6)*	BMS80210FF	A7	MMP-13	BMS82022FF	B4
ICAM-3	BMS8218FF	A7	P-selectin	BMS8219/2FF	B4
MCP-1	BMS8281FF	A7	Resistin	BMS82040FF	B4
Calcitonin	BMS82067FF	A9	EGF	BMS82070FF	B5
CRP*	BMS8288FF	A9	IL-18	BMS8267FF	B5
E-selectin	BMS8205FF	A9	IP-10	BMS8284FF	B5
MIP-1α	BMS82029FF	A9	TIMP-1*	BMS82018FF	B5
MPO	BMS82038FF	A9	VCAM-1*	BMS8232/2FF	B5

FlowCytomix™ is a 96 well plate format that only requires sample volumes as small as 25 µl.

Note: Buffers, 96 well filter plate, Set-up beads and Streptavidin-PE are identical in both 11plex formats.

Note: Each Bead Population must only occur once in any combination of Simplex kits or Simplex kits with Multiplex kits.

*Samples must be prediluted in Assay Buffer before starting the test procedure: In combination with other Simplex or Multiplex kits it is recommended to evaluate both, an undiluted and a prediluted sample.



Headquarters

eBioscience, Inc.
10255 Science Center Drive
San Diego, CA 92121
USA

SERVICE AND SUPPORT FOR DIRECT SALES

North America
Technical Support:
For Research Products:
888.810.6168
858.642.2058
tech@eBioscience.com
For Clinical Products:
877.726.8559
858.642.2058
tech@eBioscience.com
Customer Service:
888.999.1371
858.642.2058
info@eBioscience.com
Fax:
858.642.2046

Austria
Technical Support:
tech@eBioscience.com
Customer Service:
+43 1 796 40 40-305
Austria@eBioscience.com
Fax:
+43 1 796 40 40-400

Belgium
Technical Support:
tech@eBioscience.com
Customer Service:
+43 1 796 40 40 - 308
Belgium@eBioscience.com
Fax:
+43 1 796 40 40 - 400

France
Technical Support:
tech@eBioscience.com
Customer Service:
0 800 800 417
France@eBioscience.com
Fax:
0 800 800 418

Germany
Technical Support:
tech@eBioscience.com
Customer Service:
069 33 29 64 56
Germany@eBioscience.com
Fax:
069 255 77 335

Ireland
Technical Support:
tech@eBioscience.com
Customer Service:
+44 208 951 4482
Ireland@eBioscience.com
Fax:
+44 208 952 7527

Netherlands
Technical Support:
tech@eBioscience.com
Customer Service:
+43 1 796 40 40 - 308
Netherlands@eBioscience.com
Fax:
+43 1 796 40 40 - 400

Switzerland
Technical Support:
tech@eBioscience.com
Customer Service:
+41 21 510 1214
Switzerland@eBioscience.com
Fax:
+41 21 510 1216

United Kingdom
Technical Support:
tech@eBioscience.com
Customer Service:
+44 208 951 4482
UK@eBioscience.com
Fax:
+44 208 952 7527

Customers in countries not listed above may order from an eBioscience distributor listed on our web site at www.eBioscience.com/distributors.

www.eBioscience.com



Mixed Sources
Product group from well-managed forests, controlled sources and recycled wood or fiber
Cert no. SCS-COC-001623
www.fsc.org
© 1996 Forest Stewardship Council