RUWAG
DIAGNOSTICS
LIFE SCIENCE

Flow Cytometer-based

Multiplex Immunoassay

by

AimPlex® YSL Bio

Highlights

- Customizable panels
- More than 350 analytes
- Fast results with small sample volumes
- Compatible with conventional Flow Cytometer

Principle – «Sandwich» Immunoassay on Flow™

Premixed Multiplex Kits (96 or 32 Tests)

Th1/Th2	IFNγ	IL-2	IL-4	IL-5	TNFα					
Th1/Th2/Th17 (7-Plex)	IFNγ	IL-2	IL-4	IL-6	IL-10	IL-17A	TNFα			
Th1/Th2/Th17 (10-Plex)	GM-CSF	IFNγ	IL-1α	IL-2	IL-4	IL-5	IL-6	IL-10	IL-17A	TNFα
Th1/Th2/Th17 (14-Plex)	IFNγ	IL-1α	IL-1β	IL-2	IL-4	IL-5	IL-6	IL-10	IL-12p70	IL-13
	IL-17A	IL-21	IL-22	TNFα						
Th1/Th2/Th17 (16-plex)	GM-CSF	IFNγ	IL-1α	IL-1β	IL-2	IL-4	IL-5	IL-6	IL-10	IL-12p70
	IL-13	IL-17A	IL-21	IL-23p19	KC	TNFα				
Th1/Th2/Th17 (18-plex)	GM-CSF	IFNγ	IL-1α	IL-1β	IL-2	IL-4	IL-5	IL-6	IL-10	IL-12p70
	IL-13	IL-17A	IL-21	IL-22	IL-23p19	KC	TNFα	TSLP		
Inflammation (6-plex)	IFNγ	IL-6	IL-10	IL-12p70	MCP-1	TNFα				
Inflammation (8-plex)	IFNγ	IL-1α	IL-6	IL-10	IL-12p70	KC	MCP-1	TNFα		
Inflammation (11-plex)	IFNγ	IL-1α	IL-1β	IL-6	IL-10	IL-12p70	IL-23p19	IP-10	KC	MCP-1
	TNFα									
Inflammation (17-plex)	IFNγ	IL-1α	IL-1β	IL-6	IL-9	IL-10	IL-12p70	IL-13	IL-15	IL-23p19
	IP-10	KC	MCP-1	MIP-1α	MIP-1β	RANTES	TNFα			
Chemokine	Eotaxin	KC	MCP-1	MCP-3	MIG	RANTES	IP-10			
Th1/Th2 (5-Plex)	IFNγ	IL-2	IL-4	IL-5	IL-6	TNFα				
Th1/Th2 (6-Plex)	IFNγ	IL-2	IL-4	IL-6	IL-10	IL-17A	TNFα			
IGF I and IGF II*	IGFI	IGFII								
Th1/Th2/Th17 (7-Plex)	IFNγ	IL-2	IL-4	IL-6	IL-10	IL-17A	TNFα			

Mouse
Non-Human Primate
Rat
Canine

**32 Tests not available*

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AimPlex® Multiplex Immunoassays for Flow™

YSL Bioprocess Development Co.

Single-Plex Kits (96 Tests, 32 Tests available for Group 1 and partially for Group 2)

Group 1 (16-Plex)	Eotaxin	IFNγ	IL-1α	IL-2	IL-4	IL-6	IL-10	IL-12p70	IL-17A	IP-10
	KC	MCP-1	MCP-3	MIG	RANTES	TNFα				
Group 2 (18-Plex)	G-CSF	GM-CSF	IL-1β	IL-3	IL-5	IL-7	IL-12p40	IL-13	IL-15	IL-17F
	IL-21	IL-22	IL-28A	M-CSF	MIP-1α	MIP-1β	OSM	TSLP		
Group 3 (18-Plex)	BTC	CTACK	CXCL16	IL-1RA	IL-9	IL-23p19	IL-25	Leptin	LIF	LIX
	MCP-5	MIP-2	MIP-3α	VEGF	IL-2Rα	IL-7Rα	RANKL	BAFF		
Group 4 (18-Plex)	6Ckine	Activin A	BLC	BDNF	BRAK	FGF-1	FGF-2	FGF-9	HGF	IL-11
	IL-20	IL-33	MDC	MIP-1γ	MIP-3β	OPG	TARC	TIMP-1		
Group 5 (19-Plex)	sCD10	sCD14	sCD27	sICAM-1	sE-selectin	sL-selectin	sP-selectin	sCD105	sVCAM-1	sIFNγR1
	sTNFRI	sTNFRII	sIL-1R1	sCD30L	sCD40L	sTWEAK-R	sVEGFR2	sRAGE	sVEGFR1	
Additional Kits	TGFβ1	ANGPT-1	sCD30	Eotaxin-2	β-NGF					
Group 1 (16-Plex)	Eotaxin	IFNγ	IL-1β	IL-1RA	IL-2	IL-4	IL-6	IL-8	IL-10	IL-12p70
	IL-17A	IP-10	MCP-1	MCP-3	RANTES	TNFα				
Additional Kits	TGFβ1	FGF-2	MIG	IL-5	β-NGF	SDF-1	TGFα	VEGF-A		
Group 1 (19-Plex)	Eotaxin	G-CSF	GM-CSF	IFNγ	IL-1α	IL-1β	IL-2	IL-4	IL-5	IL-6
	IL-10	IL-12p70	IL-13	IL-17A	IP-10	KC	MIP-1α	MIP-2	TNFα	
Group 2 (13-Plex)	IL-12p40	IL-15	Leptin	LIX	MCP-1	MCP-3	β-NGF	RANKL	RANTES	SDF-1
	sICAM-1	sVCAM-1	VEGF							
Additional Kits	TGFβ1	PDFG-AB	TIMP-1							
Group 1 (10-Plex)	IFNγ	IL-2	IL-6	IL-8	IL-10	IL-12p40	IL-17A	MCP-1	SCF	TNFα
Additional Kits	TGFβ1	VEGF								

Components required for Single-Plex Kits

Mouse/Rat Basic Kit	Contains Detection Ab Diluent, Streptavidin-PE (SAPE), Reading Buffer, Wash Buffer, Filter Plate and Plate Seals
Non-Rodent Basic Kit	Basic Kit for Non-Human Primate and Canine Panels
Diluent Kits	Use sample type-specific Kit (Cell Culture Supernatant, Serum, Plasma, Body Fluid, Cell Lysate etc.)

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