BioLegend®

SARS-COV-2 研究工具

- Flex-T™
- LEGENDplex™ Panels
- Mojosort™
- TotalSeq™-C Product
- SARS-CoV-2 antibody

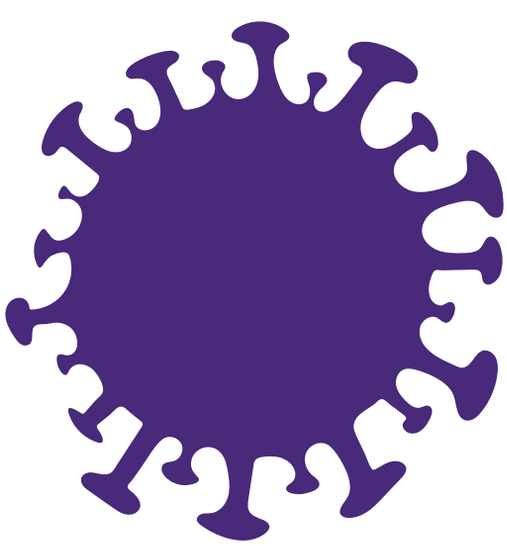
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台中 04-242200117 台南 06-3110133

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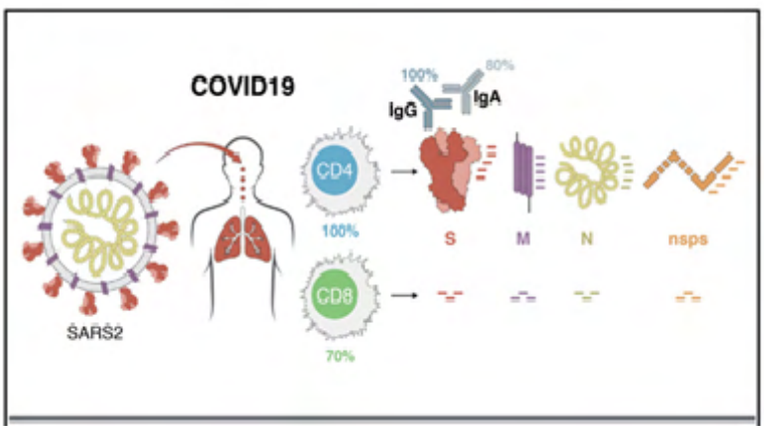
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前言

COVID-19 疫情的大流行，全球不斷蔓延開來，殃及多個國家，但人們對於SARS-CoV2 病毒感染的免疫機制尚未了解透測，因此研究人員仍正持續的探索，SARS-CoV2 病毒與 T 細胞間的基礎資訊。

初步研究可以先探索受 SARS-COV-2 病毒感染 的 $CD4^+$ 和 $CD8\ T^+$ 細胞，去量化其產生的免疫反應。這些資訊可以提供研究者了解 SARS-COV-2 病毒感染細胞後，與 SARS-CoV-2 具有直接相關性的免疫和發病機制，同時也有助於疫苗的設計，並且可以作為疫苗挑選的評估指標。

目前臨床上的研究，可使用 COVID-19 患者血液，去分析檢測受細胞激素 (cytokine) 極化的 T 細胞，對照原表位 (epitope) 庫進行分析， 進一步評估 SARS-CoV-2 患者抗原特異性的 T 細胞反應。



圖一、Cell 期刊中指出在 70-100% 的 COVID-19 康復患者中，體內有多種對 SARS-CoV-2 蛋白具有特異性的 T 細胞。 圖片來源：Grifoni et al. 2020 Cell

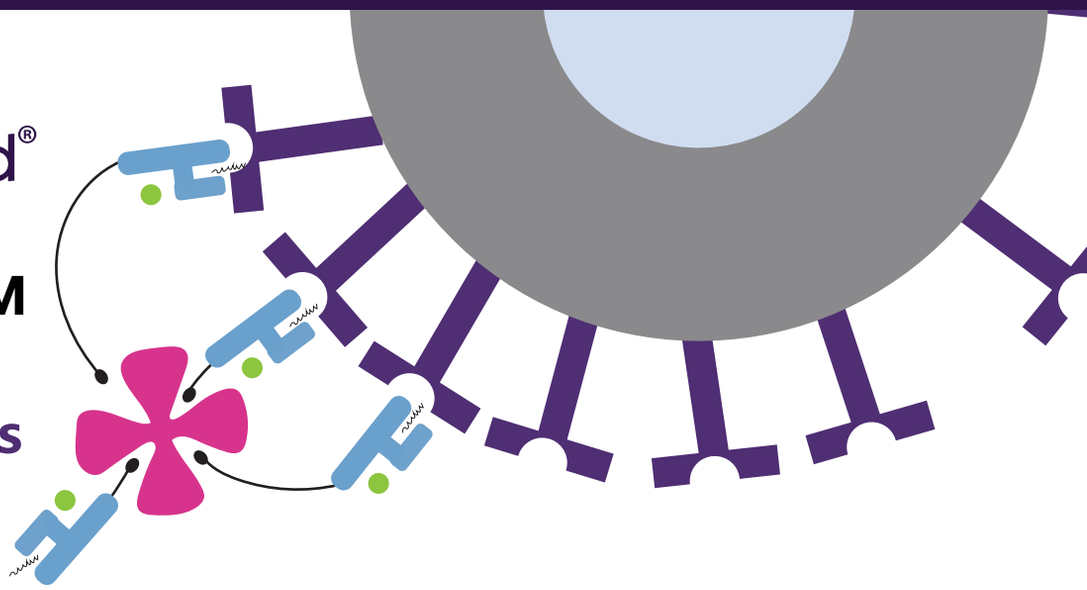
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BioLegend®

Flex-T™

MHC Tetramers

挑選 antigen 的好幫手



基本介紹

Flex-T™，主要組織相容性複合體 (Major Histocompatibility Complex) MHC Tetramers，幫助辨認抗原特異性的 T 細胞，可以靈活的將感興趣的 peptide 裝載上複合體的結合位。

實驗流程



將感興趣的 Peptide 與帶有不穩定 Peptide 的 Flex-T™ monomer 反應。

用 UV 光將不穩定的 Peptide 降解，將感興趣的 Peptide 替換上 Monomer。

將替換完的 Peptide-exchanged monomer 與帶有螢光的 Streptavidin 反應，形成 Tetramers。

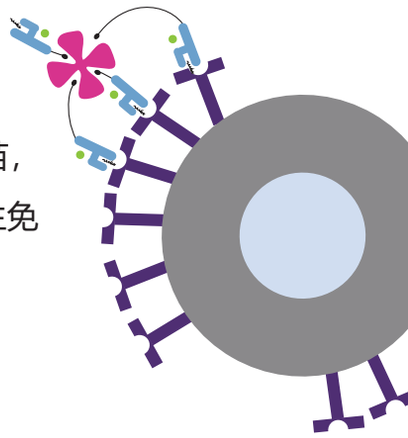
具抗原特異性的 CD8+ T 細胞與 Flex-T™ tetramer 結合後，經由流式細胞儀進行分析。

研究人員可以使用 BioLegend 的 Flex-T™ MHC tetramer 技術，能夠精確定位抗原特異性 T 細胞。這些試劑以單體形式提供，並且預裝了 SARS-CoV-2 刺突 (Spike) 、膜 (membrane) 或核蛋白(nucleoprotein) 肽 (peptide)，可以組裝成 tetramer，對抗原特異性 T 細胞進行染色。

Flex-T ™ Peptide	SARS-CoV-2 Component
TLACFVLAAV	Membrane protein (61-70)
GMSRIGMEV	Nucleoprotein (316-324)
LLLDRLNQL	Nucleoprotein (222-230)
SIIAYTMSL	Spike protein (691-699)
ALNTLVKQL	Spike protein (958-966)
VLNDILSRL	Spike protein (976-984)
LITGRLQSL	Spike protein (996-1004)
VVFLHVTYV	Spike protein (1042-1050)
RLNEVAKNL	Spike protein (1185-1193)
NLNESLIDL	Spike protein (1192-1200)
FIAGLIAIV	Spike protein (1220-1228)

SARS-CoV-2　Flex-T™ Peptide

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搭配 Flex-T™ 可精確定位 SARS-CoV-2 抗原特異性 T 細胞

隨著新療法和疫苗選擇的開發，例如輝瑞/ BioNTech 和 Moderna 的疫苗，其關鍵步驟為尋找最佳的病毒蛋白，T 細胞是 SARS-CoV-2 患者患者產生免疫反應的關鍵，善用 Flex-T™ 工具能夠有效的定位抗原特異性的 T 細胞 。

SARS-CoV-2 Flex-T™ 產品型錄

Human Class I Biotinylated Monomer-SARS-CoV-2 Fixed Peptides

Flex-T ™ Biotin HLA-A SARS-CoV-2 Membrane Protein Monomer	Size (µg)	Cat.No.
HLA-A*02:01 SARS-CoV-2 Monomer (TLACFVLAAV)	25 µg	280033
HLA-A*01:01 SARS-CoV-2 Monomer (ATSRTLSYY)	25 µg	280087
HLA-A*03:01 SARS-CoV-2 Monomer (ATSRTLSYY)	25 µg	280089
HLA-A*03:01 SARS-CoV-2 Monomer (ATSRTLSYYK)	25 µg	280115
HLA-A*11:01 SARS-CoV-2 Monomer (ATSRTLSYY)	25 µg	280091
HLA-A*11:01 SARS-CoV-2 Monomer (ATSRTLSYYK)	25 µg	280113

Flex-T ™ Biotin HLA-A SARS-CoV-2 Nucleocapsid Monomer	Size (µg)	Cat.No.
HLA-A*03:01 SARS-CoV-2 Monomer (ATEGALNTPK)	25 µg	280111
HLA-A*03:01 SARS-CoV-2 Monomer (KTFPPTEPK)	25 µg	280093
HLA-A*11:01 SARS-CoV-2 Monomer (ATEGALNTPK)	25 µg	280109
HLA-A*11:01 SARS-CoV-2 Monomer (KTFPPTEPK)	25 µg	280095
HLA-B*07:02 SARS-CoV-2 Monomer (SPRWYFYYL)	25 µg	280123
HLA-A*02:01 SARS-CoV-2 Monomer (GMSRIGMEV)	25 µg	280021
HLA-A*02:01 SARS-CoV-2 Monomer (LLLDRLNQL)	25 µg	280023

Flex-T ™ Biotin HLA-A SARS-CoV-2 ORF1ab Monomer	Size (µg)	Cat.No.
HLA-A*01:01 SARS-CoV-2 Monomer (CTDDNALAY)	25 µg	280085
HLA-A*01:01 SARS-CoV-2 Monomer (PTDNYITTY)	25 µg	280083
HLA-A*01:01 SARS-CoV-2 Monomer (TTDPSFLGR)	25 µg	280081
HLA-A*02:01 SARS-CoV-2 Monomer (ALWEIQQVV)	25 µg	280077
HLA-A*02:01 SARS-CoV-2 Monomer (KLWAQCVQL)	25 µg	280075
HLA-A*03:01 SARS-CoV-2 Monomer (MVTNNTFTLK)	25 µg	280101
HLA-A*03:01 SARS-CoV-2 Monomer (VTDTPKGPK)	25 µg	280107
HLA-A*11:01 SARS-CoV-2 Monomer (MVTNNTFTLK)	25 µg	280103
HLA-A*11:01 SARS-CoV-2 Monomer (VTDTPKGPK)	25 µg	280105
HLA-A*24:02 SARS-CoV-2 Monomer (VYIGDPAQL)	25 µg	280121
HLA-B*07:02 SARS-CoV-2 Monomer (IPRRNVATL)	25 µg	280127
HLA-B*07:02 SARS-CoV-2 Monomer (RPDTRYVL)	25 µg	280127

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SARS-CoV-2 Flex-T™ 產品型錄

Human Class I Biotinylated Monomer-SARS-CoV-2 Fixed Peptides

Flex-T ™ Biotin HLA-A SARS-CoV-2 ORF3a Monomer	Size (µg)	Cat.No.
HLA-A*02:01 SARS-CoV-2 Monomer (LLYDANYFL)	25 µg	280079
HLA-A*24:02 SARS-CoV-2 Monomer (VYFLQSINF)	25 µg	280119

Flex-T ™ Biotin HLA-A SARS-CoV-2 Spike Protein Monomer	Size (µg)	Cat.No.
HLA-A*02:01 SARS-CoV-2 Monomer (RLQSLQTYV)	25 µg	280073
HLA-A*02:01 SARS-CoV-2 Monomer (SIIAYTMSL)	25 µg	280067
HLA-A*02:01 SARS-CoV-2 Monomer (YLQPRTFLL)	25 µg	280071
HLA-A*03:01 SARS-CoV-2 Monomer (KCYGVSPTK)	25 µg	280097
HLA-A*24:02 SARS-CoV-2 Monomer (QYIKWPWYI)	25 µg	280117
HLA-A*02:01 SARS-CoV-2 Monomer (ALNTLVKQL)	25 µg	280027
HLA-A*02:01 SARS-CoV-2 Monomer (FIAGLIAIV)	25 µg	280025
HLA-A*02:01 SARS-CoV-2 Monomer (LITGRLQSL)	25 µg	280035
HLA-A*02:01 SARS-CoV-2 Monomer (NLNESLIDL)	25 µg	280037
HLA-A*02:01 SARS-CoV-2 Monomer (RLNEVAKNL)	25 µg	280039
HLA-A*02:01 SARS-CoV-2 Monomer (VLNDILSRL)	25 µg	280029
HLA-A*02:01 SARS-CoV-2 Monomer (VVFLHVTYV)	25 µg	280031

Human Class I Biotinylated Monomer- UV-labile Peptide

Class I Allele Biotinylated Monomer	Size (µg)	Cat.No.
Flex-T ™ HLA-A*01:01 Monomer UVX	50 µg	280001
Flex-T ™ HLA-A*02:01 Monomer UVX	50 µg	280003
Flex-T ™ HLA-A*02:03 Monomer UVX	50 µg	280017
Flex-T ™ HLA-A*03:01 Monomer UVX	50 µg	280005
Flex-T ™ HLA-A*11:01 Monomer UVX	50 µg	280007
Flex-T ™ HLA-A*24:02 Monomer UVX	50 µg	280019
Flex-T ™ HLA-B*07:02 Monomer UVX	50 µg	280109
Flex-T ™ HLA-B*08:01 Monomer UVX	50 µg	280011
Flex-T ™ HLA-C*04:01 Monomer UVX	50 µg	280015

ELISA Reagents

Accessories	Size (µg)	Cat.No.
LEGEND MAX ™ Flex-T ™ Human Class I Peptide Exchange ELISA Kit	1 Kit	447207
HLA Class I ELISA Control	20 µg	280301
Puriɒed Streptavidin	250 µg	280302
HRP anti-human β2-microglobulin	50 µg	280303

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LEGENDplex™

取代需檢測多次的 ELISA KIT，一次可同時檢測多種目標因子

基本介紹

結合螢光免疫微珠與流式細胞儀的新技術, 少量樣品就能一次上機完成最多 14 種目標因子之定量分析, 血清、血漿、細胞/細胞上清液等皆可適用, 產品類別涵蓋免疫、心血管、代謝和新冠病毒等研究領域, 品項多達 100 種以上, 除了原廠建構好的產品組合 (Pre-defined Panel) 以外, 您也可以自己動手搭配 (Mix and Match) 想要分析的目標因子, 實驗不設限, 讓您珍貴的樣品得到最大的價值。

LEGENDplex™ 產品特色

- 大幅節省樣品使用量 (12.5~25 µl)
- 省時快速, 簡單好上手
- 可靈活搭配適合的 Panel
- 提供免費的分析軟體
- 不需要特殊儀器，一般流式細胞儀皆可使用



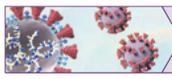
LEGENDplex™ 與 ELISA 的比較表格

比較表格	BioLegend LEGENDplex ™	Sandwish ELISA Kit
可測定目標因子	一次最多可測 14 種因子	一次只能測一種
檢測方法	螢光	可見光、螢光、冷光
實驗操作步驟	簡單，只需要清洗 1~2 次	叫繁複，需清洗多次
操作時間	4hr	5hr
所需樣本量	血清 / 血漿 12.5 µL 細胞上清液 25 µL	50 µL 以上
檢測儀器	Flow Cytometer	ELISA Reader



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LEGENDplex™ 產品目錄-Human Pre-defined Panel



COVID-19

Panel	COVID-19 Cytokine Storm Panel 1			COVID-19 Cytokine Storm Panel 2		
	14-plex	13-plex	1-plex	13-plex	12-plex	1-plex
Targets	CCL2	CCL2		CCL4	CCL4	
	CCL3	CCL3		IL-1β	IL-1β	
	CCL5		CCL5	sCD25 (IL-2Ra)	sCD25 (IL-2Ra)	
	CXCL8	CXCL8		IL-4	IL-4	
	CXCL10	CXCL10		IL-5	IL-5	
	IL-2	IL-2		IL-12p70	IL-12p70	
	IL-6	IL-6		IL-13	IL-13	
	IL-7	IL-7		IL-15	IL-15	
	IL-10	IL-10		IL-17A	IL-17A	
	G-CSF	G-CSF		IL18	IL18	
	IFN-γ	IFN-γ		GM-CSF	GM-CSF	
	IL-1RA	IL-1RA		VEGF	VEGF	
	IFN-α2	IFN-α2		APRIL		APRIL
	TNF-α	TNF-α				
Filter Plate	741088	741090	741092	741111	741141	741143
V-bottom	741089	741091	741093	741112	741142	741144

Panel	Serological Immunoglobulin Panels		Neutralization Antibody Assay	Anti-Virus Response Panels	
	2-plex	3-plex	1-plex	Anti-Virus	Interferon
Targets	Spike S1 IgA			IL-1β	
	Protein RBD IgA			IL-6	
		Spike S1 IgG		TNF-α	
		Nucleocapsid IgG		IP-10	
		Protein RBD IgG		IFN-λ1	IFN-λ1
			ACE2	IL-8	
				IL-12p70	
				IFN-α2	IFN-α2
				IFN-λ2/3	IFN-λ2/3
				GM-CSF	
				IFN-β	IFN-β
				IL-10	
				IFN-γ	IFN-γ
Filter Plate	741088	741090	741092	741111	741141
V-bottom	741089	741091	741093	741112	741142

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LEGENDplex™ 產品目錄-Human Pre-defined Panel



Immunology/Immune Response

Panel	T Helper Cytokine Panels						
	Th9	Th22	Th1	Th2	Th17	Th1/Th2	12-plex
Targets			IL-5	IL-5		IL-5	IL-5
			IL-13	IL-13		IL-13	IL-13
						IL-2	IL-2
		IL-6	IL-6	IL-6	IL-6	IL-6	IL-6
	IL-9						IL-9
	IL-10	IL-10	IL-10	IL-10	IL-10	IL-10	IL-10
					IFN-γ	IFN-γ	IFN-γ
	TNF-α	TNF-α	TNF-α	TNF-α	TNF-α	TNF-α	TNF-α
					IL-17A		IL-17A
					IL-17F		IL-17F
				IL-4		IL-4	IL-4
		IL-22			IL-22		IL-22
		IL-22			IL-22		IL-22
Filter Plate	741039	741037	741035	741033	741031	741029	741027
V-bottom	741040	741038	741036	741034	741032	741030	741028

Panel	Essential Immune Response Panel	CD8/NK Panel	B Cell Panels					
			B Cell	B Effector 1	B Effector 2	B Effector 1/2	B Cell Activator	12-plex
Targets	IL-4	IL-2	TNF-α	TNF-α	TNF-α	TNF-α		IL-5
	IL-2	IL-4	IL-13		IL-13	IL-13		IL-13
	CXCL10 (IP-10)	IL-10	IL-4		IL-4	IL-4		IL-2
	IL-1β	IL-6	IL-10					IL-6
	TNF-α	IL-17A	IL-6		IL-6	IL-6		IL-9
	CCL2 (MCP-1)	TNF-α	IL-2		IL-2	IL-2		IL-10
	IL-17A	sFas	TNF-β	TNF-β		TNF-β		IFN-γ
	IL-6	sFasL	IFN-γ	IFN-γ		IFN-γ		TNF-α
	IL-10	IFN-γ	IL-17A			IL-17A		IL-17A
	IFN-γ	Granzyme A	IL-12p70	IL-12p70		IL-12p70		IL-17F
	IL-12p70	Granzyme B	APRIL				APRIL	IL-4
	TGF-β1 (Free)	Perforin	BAFF				BAFF	IL-22
	CXCL8 (IL-8)	Granulysin	CD40L				CD40L	IL-22
Filter Plate	740929	740267	740526	740528	740530	740532	740534	741027
V-bottom	740930	-	740527	740529	740531	740533	740535	741028

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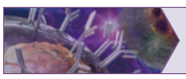
Immunology/Immune Response

Panel	Macrophage/Microglia Panel				Immune Checkpoint Panels 1		
	13-plex	M1	M2	M1/M2	TC (12-plex)	S/P (10-plex)	S/P (2-plex)
Targets	IL-12p70	IL-12p70		IL-12p70	sCD25 (IL-2Ra)	sCD25 (IL-2Ra)	
	TNF-α	TNF-α		TNF-α	4-1BB	4-1BB	
	IL-6	IL-6	IL-6	IL-6	sCD27		sCD27
	IL-4		IL-4		B7.2	B7.2	
	IL-10		IL-10	IL-10	TGF-β1 (Free)	TGF-β1 (Free)	
	IL-1β	IL-1β		IL-1β	CTLA-4	CTLA-4	
	Arginase		Arginase		PD-L1	PD-L1	
	CCL17 (TARC)		CCL17 (TARC)	CCL17 (TARC)	PD-L2		PD-L2
	IL-1RA		IL-1RA	IL-1RA	PD-1	PD-1	
	IL-12p40	IL-12p40		IL-12p40	Tim-3	Tim-3	
	IL-23	IL-23		IL-23	LAG-3	LAG-3	
	IFN-γ	IFN-γ			Galectin-9	Galectin-9	
	CXCL10 (IP-10)	CXCL10 (IP-10)		CXCL10 (IP-10)			
Filter Plate	740502	740504	740506	740508	740866	740961	740963
V-bottom	740503	740505	740507	740509	740867	740962	740964

Panel	Acute Phase Panel 1	Free Active/ Total TGF-β1 Panel	Immunoglobulin Isotyping Panels				
				6-plex	IgGs	IgE	IgD
Targets	α2-macroglobulin	TGF-β1	IgG1	IgG1	IgG1		
	α1-AGP		IgG2	IgG2	IgG2		
	Haptoglobin		IgG3	IgG3	IgG3		
	α1-antitrypsin		IgE			IgE	
	Ceruloplasmin		IgG4	IgG4	IgG4		
	Fibrinogen		IgA	IgA			
	Prothrombin		IgM	IgM			
	SAP		IgD				IgD
Filter Plate	740999	740449	740637	740639	740714	740641	740643
V-bottom	741000	740450	740638	740640	740715	740642	740644

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LEGENDplex™ 產品目錄-Human Pre-defined Panel



Immunology/Immune Response

Panel	Vascular Inßammation Panel-1					Vascular Inßammation Panel-2		
	CRP	TC (13-plex)	U (3-plex)	U(10-plex)	S/P (12-plex)	13-plex	11-plex	2-plex
Targets		Myoglobin		Myoglobin	Myoglobin	sST2	sST2	
		MRP8/14	MRP8/14		MRP8/14	sRAGE	sRAGE	
		NGAL		NGAL	NGAL	TIE-2		TIE-2
	CRP	CRP		CRP		sCD40L	sCD40L	
		MMP-2		MMP-2	MMP-2	TIE-1		TIE-1
		OPN	OPN		OPN	sFlt-1	sFlt-1	
		MPO		MPO	MPO	LIGHT	LIGHT	
		SAA		SAA	SAA	TNF-α	TNF-α	
		IGFBP-4		IGFBP-4	IGFBP-4	PlGF	PlGF	
		ICAM-1		ICAM-1	ICAM-1	IL-6	IL-6	
		VCAM-1		VCAM-1	VCAM-1	IL-18	IL-18	
		MMP-9		MMP-9	MMP-9	IL-10	IL-10	
		Cystatin C	Cystatin C		Cystatin C	CCL2 (MCP-1)	CCL2 (MCP-1)	
Filter Plate	740591	740552	740595	740593	740589	740977	740965	740979
V-bottom	740592	740551	740596	740594	740590	740978	740966	740980

Panel	Inßammation Panel-1	Cytokine Panel 2	Inßammation Panel-1			Proinßammatory Chemokine Panel		
			TC	S/P (11-plex)	S/P (2-plex)	13-plex	12-plex	1-plex
Targets	CCL2 (MCP-1)	GM-CSF	TGF-β1 (Free)	TGF-β1 (Free)		CCL2	CCL2	
	IFN-α2	IFN-α2	PAI-1		PAI-1	CCL3	CCL3	
	IFN-γ	IL-1α	sTREM-1	sTREM-1		CCL4	CCL4	
	IL-1β	IL-1β	PTX3	PTX3		CCL5		CCL5
	IL-6	IL-11	sCD40L	sCD40L		CCL11	CCL11	
	IL-8	IL-12 (p40)	sCD25 (IL-2Ra)	sCD25 (IL-2Ra)		CCL17	CCL17	
	IL-10	IL-12 (p70)	CXCL12 (SDF1)	CXCL12 (SDF1)		CCL20	CCL20	
	IL-12 (p70)	IL-15	sST2	sST2		CXCL1	CXCL1	
	IL-17A	IL-18	sTNF-RI	sTNF-RI		CXCL5	CXCL5	
	IL-18	IL-23	sTNF-RII	sTNF-RII		CXCL8	CXCL8	
	IL-23	IL-27	sRAGE	sRAGE		CXCL9	CXCL9	
	IL-33	IL-33	CX3CL1	CX3CL1		CXCL10	CXCL10	
	TNF-α	TSLP	sCD130 (gp130)		sCD130 (gp130)	CXCL11	CXCL11	
Filter Plate	740808	740102	740775	740883	740885	740984	741080	741082
V-bottom	740809	-	740776	740884	740886	740985	741081	741083

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BioLegend®

MojoSort™ 磁珠細胞分選套組

基本介紹

Mojosort™ 磁珠分選套組, 利用專一性抗體接合磁性微珠, 分選目標細胞, 又可分為 Isolation kits、Selection kits 以及 Nanobeads。

130nm	3 steps	35min
奈米級的磁珠	**只要三個步驟**	**操作快速**
(1) 膠體穩定性高 (2) 可溫和分離細胞 (3) 與他牌系統相容	(1) 加抗體 (2) 加磁珠 (3) 磁珠分離	檢體與抗體和磁珠，分別共培養15分鐘，最後放入磁座5分鐘，最快35分鐘可完成實驗。

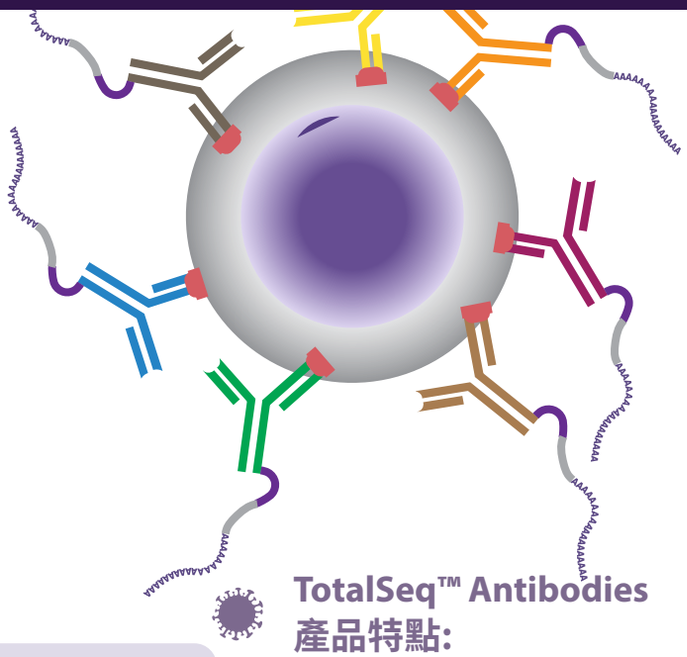
產品五大特點:

- ■ 高純度、回收率高
- ■ 操作省時、步驟簡單好上手
- ■ 價格實惠
- ■ 可與 Separation column 系統相容
- ■ 產品有經過驗證，不會影響後續實驗
(如 FC、Cell differentiation、Cytokine reponse 等)

MojoSort™ 產品目錄-Human

Target	Specificity	Application	Cat. NO.	size
T cells	CD3	Selection Kit / Pos	480133	20 tests
		Isolation Kit / Neg	480021	10 tests
	CD4	Selection Kit / Pos	480038	200 tests
		Isolation Kit / Neg	480009	10 tests
		Nanobeads	480013	10 tests
	CD4 Memory	Isolation Kit / Neg	480063	20 tests
	CD4 Naïve	Isolation Kit / Neg	480041	20 tests
	CD8	Isolation Kit / Neg	480011	10 tests
		Nanobeads	480107	10 tests
	CD8 Memory	Isolation Kit / Neg	480065	20 tests
	CD8 Naïve	Isolation Kit / Neg	480045	20 tests
B cells	Naïve B Cell	Isolation Kit / Neg	480067	10 tests
	B Cell (CD43-)	Isolation Kit / Neg	480061	20 tests
	Pan B Cell	Isolation Kit / Neg	480081	20 tests
NK cells	NK Cell	Isolation Kit / Neg	480053	20 tests
Monocytes	CD14+ Monocytes	Isolation Kit / Neg	480047	10 tests
	Pan Monocyte	Isolation Kit / Neg	480059	20 tests

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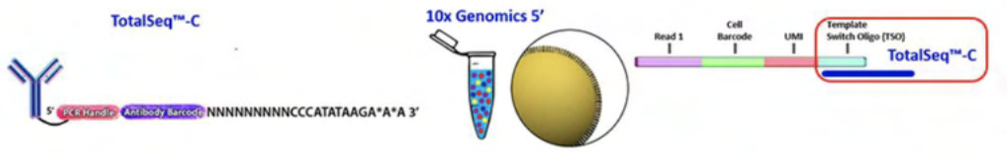
TotalSeq™-C Antibody

基本介紹

Totalseq 抗體可實現同步檢測轉錄組和蛋白組學的技術, 這個技術可以實現單個細胞上標記著上百個抗體的應用。因應後天性免疫在疫苗及癌症研究扮演至關重要的角色, 越來越多人投入 T 細胞和 B 細胞相關的單細胞測序。為了支持這個領域的研究, BioLegend 又進一步的推出 TotalSeq™-C , 這些抗體可以跟 10x Genomics 的 5' Immune Profiling kits 擁有完美的兼容。

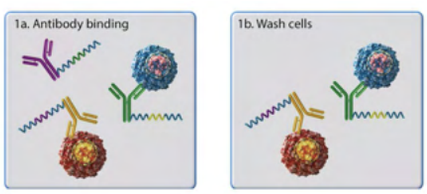
TotalSeq™ Antibodies 產品特點:

- 快速獲得高通量的單細胞蛋白質基因體學 Data
- 同步檢測蛋白質與 RNA 的表現
- 彌補RNA定序產生的 Dropout 問題
- 增強細胞類型的識別
- 簡單一次分析多個檢體

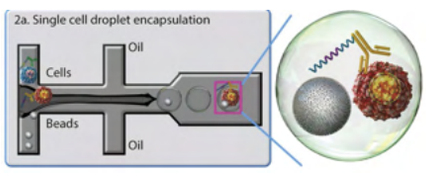


實驗流程:

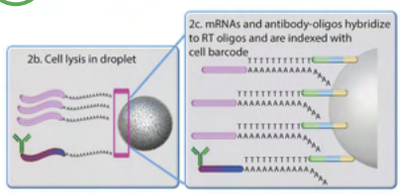
1 Total-Seq抗體染色



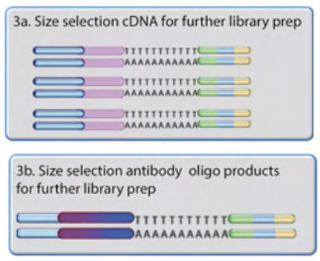
2 分離單一細胞



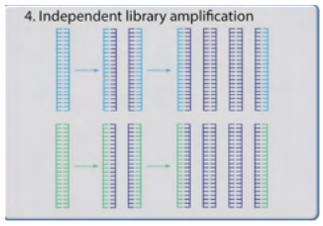
3 與Beads雜交



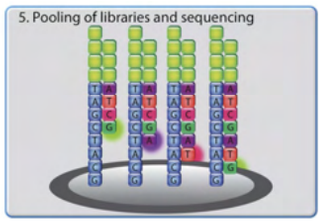
4 製作cDNA library



5 PCR放大cDNA library



6 NGS定序



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TotalSeq™-C Antibodies 產品型錄

Product	Clone	Barcode	Cat.No.
TotalSeq ™ -C anti-human CD1a	HI149	C0402	300135
TotalSeq ™ -C anti-human CD3	UCHT1	C0034	300479
TotalSeq ™ -C anti-human CD4	RPA-T4	C0072	300567
TotalSeq ™ -C anti-human CD5	UCHT2	C0138	300637
TotalSeq ™ -C anti-human CD8a	RPA-T8	C0080	301071
TotalSeq ™ -C anti-human CD11b	ICRF44	C0161	301359
TotalSeq ™ -C anti-human CD13	WM15	C0364	301733
TotalSeq ™ -C anti-human CD14	M5E2	C0081	301859
TotalSeq ™ -C anti-human CD16	3G8	C0083	302065
TotalSeq ™ -C anti-human CD18	TS1/18	C0385	302129
TotalSeq ™ -C anti-human CD19	HIB19	C0050	302265
TotalSeq ™ -C anti-human CD20	2H7	C0100	302363
TotalSeq ™ -C anti-human CD25	BC96	C0085	302649
TotalSeq ™ -C anti-human CD26	BA5b	C0396	302722
TotalSeq ™ -C anti-human CD27	O323	C0154	302853
TotalSeq ™ -Canti-human CD28	CD28.2	C0386	302963
TotalSeq ™ -C anti-human CD29	TS2/16	C0369	303029
TotalSeq ™ -Canti-human CD31	WM59	C0124	303139
TotalSeq ™ -C anti-human CD32	FUN-2	C0142	303225
TotalSeq ™ -C anti-human CD38	HIT2	C0389	303543
TotalSeq ™ -C anti-human CD41	HIP8	C0353	303739
TotalSeq ™ -C anti-human CD42b	HIP1	C0216	303941
TotalSeq ™ -C anti-human CD45	HI30	C0391	304068
TotalSeq ™ -C anti-human CD45RA	HI100	C0063	304163
TotalSeq ™ -C anti-human CD45RO	UCHL1	C0087	304259
TotalSeq ™ -C anti-human CD49d	9F10	C0576	304345
TotalSeq ™ -C anti-human CD59	p282 (H19)	C0361	304715
TotalSeq ™ -C anti-human CD62L	DREG-56	C0147	304851
TotalSeq ™ -C anti-human CD62P (P-Selectin)	AK4	C0218	304945
TotalSeq ™ -C anti-human CD64	10.1	C0162	305045
TotalSeq ™ -C anti-human CD80	2D10	C0005	305243
TotalSeq ™ -C anti-human CD83	HB15e	C0359	305341
TotalSeq ™ -Canti-human CD86	IT2.2	C0006	305447
TotalSeq ™ -C anti-human CD94	DX22	C0867	305523
TotalSeq ™ -C anti-human CD95 (Fas)	DX2	C0156	305651
TotalSeq ™ -C anti-human CD106	STA	C0245	305819
TotalSeq ™ -Canti-human CD123	6H6	C0064	306045
TotalSeq ™ -C anti-human CD150 (SLAM)	A12 (7D4)	C0870	306315
TotalSeq ™ -C anti-human CD184 (CXCR4)	12G5	C0366	306533
TotalSeq ™ -C anti-human CD235ab	HIR2	C0196	306625

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TotalSeq ™ -C anti-human DR3 (TRAMP)	JD3	C1057	307107
TotalSeq ™ -Canti-human HLA-DR	L243	C0159	307663
TotalSeq ™ -C anti-human CD119 (IFN-γ R α chain)	GIR-208	C0219	308613
TotalSeq ™ -C anti-human CD2	TS1/8	C0367	309231
TotalSeq ™ -C anti-human CD275 (B7-H2, ICOSL)	2D3	C0009	309419
TotalSeq ™ -C anti-human CD137 (4-1BB)	4B4-1	C0355	309839
TotalSeq ™ -C anti-human CD193 (CCR3)	5E8	C0397	310733
TotalSeq ™ -C anti-human CD154	24-31	C0032	310849
TotalSeq ™ -C anti-human CD69	FN50	C0146	310951
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TotalSeq ™ -Canti-human HLA-A,B,C	W6/32	C0058	311449
TotalSeq ™ -C anti-human CD137L (4-1BB Ligand)	5F4	C0022	311519
TotalSeq ™ -C anti-human CD267 (TACI)	1A1	C0247	311915
TotalSeq ™ -C anti-human CD10	HI10a	C0062	312233
TotalSeq ™ -Canti-human CD158b (KIR2DL2/L3, NKAT2)	DX27	C0592	312619
TotalSeq ™ -C anti-human CD158e1 (KIR3DL1, NKB1)	DX9	C0599	312725
TotalSeq ™ -C anti-human CD117 (c-kit)	104D2	C0061	313243
TotalSeq ™ -C anti-human/mouse/rat CD278 (ICOS)	C398.4A	C0171	313553
TotalSeq ™ -C anti-human/mouse CD49f	GoH3	C0070	313635
TotalSeq ™ -C anti-human IgM	MHM-88	C0136	314547
TotalSeq ™ -C anti-human CD98	MEM-108	C0374	315607
TotalSeq ™ -C anti-human CD52	HI186	C0033	316021
TotalSeq ™ -C anti-human CD72	3F3	C0419	316211
TotalSeq ™ -C anti-human β2-microglobulin	2M2	C0057	316323
TotalSeq ™ -C anti-human Ig light chain κ	MHK-49	C0894	316533
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TotalSeq ™ -C anti-human CD268 (BAFF-R)	11C1	C0215	316927
TotalSeq ™ -C anti-human CD352 (NTB-A)	NT-7	C0864	317213
TotalSeq ™ -C anti-human CD258 (LIGHT)	T5-39	C1056	318711
TotalSeq ™ -Canti-human CD270 (HVEM, TR2)	122	C0020	318815
TotalSeq ™ -Canti-human CD314 (NKG2D)	1D11	C0165	320837
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TotalSeq ™ -C anti-human CD13	WM15	C0364	301733
TotalSeq ™ -C anti-human CD14	M5E2	C0081	301859
TotalSeq ™ -C anti-human CD16	3G8	C0083	302065
TotalSeq ™ -C anti-human CD18	TS1/18	C0385	302129
TotalSeq ™ -C anti-human CD19	HIB19	C0050	302265
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TotalSeq ™ -C anti-human CD25	BC96	C0085	302649
TotalSeq ™ -C anti-human CD26	BA5b	C0396	302722
TotalSeq ™ -C anti-human CD27	O323	C0154	302853
TotalSeq ™ -Canti-human CD28	CD28.2	C0386	302963
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TotalSeq ™ -C anti-human CD45RA	HI100	C0063	304163
TotalSeq ™ -C anti-human CD45RO	UCHL1	C0087	304259
TotalSeq ™ -C anti-human CD49d	9F10	C0576	304345
TotalSeq ™ -C anti-human CD59	p282 (H19)	C0361	304715
TotalSeq ™ -C anti-human CD62L	DREG-56	C0147	304851
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TotalSeq ™ -Canti-human CD86	IT2.2	C0006	305447
TotalSeq ™ -C anti-human CD94	DX22	C0867	305523
TotalSeq ™ -C anti-human CD95 (Fas)	DX2	C0156	305651
TotalSeq ™ -C anti-human CD106	STA	C0245	305819
TotalSeq ™ -Canti-human CD123	6H6	C0064	306045
TotalSeq ™ -C anti-human CD150 (SLAM)	A12 (7D4)	C0870	306315
TotalSeq ™ -C anti-human CD184 (CXCR4)	12G5	C0366	306533
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TotalSeq ™ -C anti-human CD119 (IFN-γ R α chain)	GIR-208	C0219	308613
TotalSeq ™ -C anti-human CD2	TS1/8	C0367	309231
TotalSeq ™ -C anti-human CD275 (B7-H2, ICOSL)	2D3	C0009	309419
TotalSeq ™ -C anti-human CD137 (4-1BB)	4B4-1	C0355	309839
TotalSeq ™ -C anti-human CD193 (CCR3)	5E8	C0397	310733
TotalSeq ™ -C anti-human CD154	24-31	C0032	310849
TotalSeq ™ -C anti-human CD69	FN50	C0146	310951
TotalSeq ™ -C anti-human CD24	ML5	C0180	311143
TotalSeq ™ -Canti-human HLA-A,B,C	W6/32	C0058	311449
TotalSeq ™ -C anti-human CD137L (4-1BB Ligand)	5F4	C0022	311519
TotalSeq ™ -C anti-human CD267 (TACI)	1A1	C0247	311915
TotalSeq ™ -C anti-human CD10	HI10a	C0062	312233
TotalSeq ™ -Canti-human CD158b (KIR2DL2/L3, NKAT2)	DX27	C0592	312619
TotalSeq ™ -C anti-human CD158e1 (KIR3DL1, NKB1)	DX9	C0599	312725
TotalSeq ™ -C anti-human CD117 (c-kit)	104D2	C0061	313243
TotalSeq ™ -C anti-human/mouse/rat CD278 (ICOS)	C398.4A	C0171	313553
TotalSeq ™ -C anti-human/mouse CD49f	GoH3	C0070	313635
TotalSeq ™ -C anti-human IgM	MHM-88	C0136	314547
TotalSeq ™ -C anti-human CD98	MEM-108	C0374	315607
TotalSeq ™ -C anti-human CD52	HI186	C0033	316021
TotalSeq ™ -C anti-human CD72	3F3	C0419	316211
TotalSeq ™ -C anti-human β2-microglobulin	2M2	C0057	316323
TotalSeq ™ -C anti-human Ig light chain κ	MHK-49	C0894	316533
TotalSeq ™ -C anti-human Ig light chain λ	MHL-38	C0898	316629
TotalSeq ™ -C anti-human CD268 (BAFF-R)	11C1	C0215	316927
TotalSeq ™ -C anti-human CD352 (NTB-A)	NT-7	C0864	317213
TotalSeq ™ -C anti-human CD258 (LIGHT)	T5-39	C1056	318711
TotalSeq ™ -Canti-human CD270 (HVEM, TR2)	122	C0020	318815
TotalSeq ™ -Canti-human CD314 (NKG2D)	1D11	C0165	320837
TotalSeq ™ -C anti-human CD206 (MMR)	15-2	C0205	321147
TotalSeq ™ -Canti-human/mouse integrin β7	FIB504	C0214	321229
TotalSeq ™ -C anti-human TSLPR (TSLP-R)	1D3	C0387	322909
TotalSeq ™ -C anti-human CD15 (SSEA-1)	W6D3	C0392	323053
TotalSeq ™ -C anti-human CD47	CC2C6	C0026	323131
TotalSeq ™ -C anti-human CD105	43A3	C0068	323227
TotalSeq ™ -C anti-human CD109	W7C5	C0817	323309
TotalSeq ™ -C anti-human CD140a (PDGFRα)	16A1	C0128	323513

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TotalSeq™-C Antibodies 產品型錄

Product	Clone	Barcode	Cat.No.
TotalSeq ™ -C anti-human CD81 (TAPA-1)	5A6	C0373	349523
TotalSeq ™ -C anti-human CD134 (OX40)	Ber-ACT35 (ACT35)	C0158	350035
TotalSeq ™ -C anti-human CD294 (CRTH2)	BM16	C0102	350131
TotalSeq ™ -C anti-human CD103 (Integrin αE)	Ber-ACT8	C0145	350233
TotalSeq ™ -C anti-human CD1d	51.1	C0164	350319
TotalSeq ™ -C anti-human CD11a	TS2/4	C0185	350617
TotalSeq ™ -C anti-human CD325 (N-Cadherin)	8C11	C0433	350819
TotalSeq ™ -C anti-human CD127 (IL-7Rα)	A019D5	C0390	351356
TotalSeq ™ -C anti-human TCR Vα7.2	3C10	C0581	351735
TotalSeq ™ -C anti-human CD201 (EPCR)	RCR-401	C0069	351909
TotalSeq ™ -C anti-human Notch 1	MHN1-519	C0213	352115
TotalSeq ™ -C anti-human CD207 (Langerin)	10E2	C0403	352209
TotalSeq ™ -C anti-human CD138 (Syndecan-1)	DL-101	C0831	352327
TotalSeq ™ -C anti-human GARP (LRRC32)	7B11	C0901	352517
TotalSeq ™ -C anti-human CD126 (IL-6Rα)	UV4	C0819	352815
TotalSeq ™ -C anti-human EGFR	AY13	C0132	352931
TotalSeq ™ -C anti-human CD63	H5C6	C0404	353051
TotalSeq ™ -C anti-human CD54	HA58	C0217	353127
TotalSeq ™ -C anti-human CD197 (CCR7)	G043H7	C0148	353251
TotalSeq ™ -C anti-human CD196 (CCR6)	G034E3	C0143	353440
TotalSeq ™ -C anti-human CD371 (CLEC12A)	50C1	C0853	353615
TotalSeq ™ -C anti-human CD183 (CXCR3)	G025H7	C0140	353747
TotalSeq ™ -C anti-human CD370 (CLEC9A/DNGR1)	8F9	C0207	353809
TotalSeq ™ -C anti-human Tim-4	9F4	C0428	354013
TotalSeq ™ -C anti-human CD303 (BDCA-2)	201A	C0370	354241
TotalSeq ™ -C anti-human CD304 (Neuropilin-1)	12C2	C0406	354527
TotalSeq ™ -C anti-human CD21	Bu32	C0181	354923
TotalSeq ™ -C anti-human CD124 (IL-4Rα)	G077F6	C0363	355011
TotalSeq ™ -C anti-human CD70	113-16	C0027	355119
TotalSeq ™ -C anti-human CX3CR1	K0124E1	C0179	355705
TotalSeq ™ -C anti-human CD186 (CXCR6)	K041E5	C0804	356023
TotalSeq ™ -C anti-human CD138 (Syndecan-1)	MI15	C0055	356539
TotalSeq ™ -C anti-human CD38	HB-7	C0410	356637
TotalSeq ™ -C anti-human CD185 (CXCR5)	J252D4	C0144	356939
TotalSeq ™ -C anti-human CD269 (BCMA)	19F2	C0056	357523
TotalSeq ™ -C anti-human B7-H4	MIH43	C0395	358116
TotalSeq ™ -C anti-human GPR56	CG4	C0912	358209
TotalSeq ™ -C anti-human CD120b	3G7A02	C1024	358417
TotalSeq ™ -C anti-human LOX-1	15C4	C0591	358613
TotalSeq ™ -C anti-human CD199 (CCR9)	L053E8	C0843	358921

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TotalSeq™-C Antibodies 產品型錄

Product	Clone	Barcode	Cat.No.
TotalSeq ™ -C anti-human CD195 (CCR5)	J418F1	C0141	359137
TotalSeq ™ -C anti-human CD49b	P1E6-C5	C0371	359317
TotalSeq ™ -C anti-human CD194 (CCR4)	L291H4	C0071	359425
TotalSeq ™ -C anti-human CD309 (VEGFR2)	7D4-6	C0362	359921
TotalSeq ™ -C anti-human CD146	P1H12	C0134	361033
TotalSeq ™ -C anti-human CD130 (gp130)	2E1B02	C0820	362011
TotalSeq ™ -C anti-human TCR Vβ13.1	H131	C0908	362411
TotalSeq ™ -C anti-human CD56 (NCAM)	5.1H11	C0047	362559
TotalSeq ™ -C anti-human CD11a/CD18 (LFA-1)	m24	C0818	363429
TotalSeq ™ -C anti-human CD22	S-HCL-1	C0393	363516
TotalSeq ™ -C anti-human CD257 (BAFF, BLYS)	1D6	C0863	366513
TotalSeq ™ -C anti-human CD33	P67.6	C0052	366633
TotalSeq ™ -C anti-human CD14	63D3	C0051	367137
TotalSeq ™ -C anti-human CD45	2D1	C0048	368545
TotalSeq ™ -C anti-human CD223 (LAG-3)	11C3C65	C0152	369335
TotalSeq ™ -C anti-human CD152 (CTLA-4)	BNI3	C0151	369621
TotalSeq ™ -C anti-human CD357 (GITR)	108-17	C0360	371227
TotalSeq ™ -C anti-human CD99	3B2/TA8	C0845	371321
TotalSeq ™ -C anti-human CD11c	S-HCL-3	C0053	371521
TotalSeq ™ -C anti-human CD172a (SIRPα)	15-414	C0408	372111
TotalSeq ™ -C anti-human MS4A4A	5C12/ MS4A4A	C1053	372505
TotalSeq ™ -C anti-human XCR1	S15046E	C0208	372617
TotalSeq ™ -C anti-human TIGIT (VSTM3)	A15153G	C0089	372729
TotalSeq ™ -C anti-human CD133	clone 7	C0126	372817
TotalSeq ™ -C anti-human HLA-F	3D11/HLA-F	C1047	373209
TotalSeq ™ -C anti-human Podocalyxin	mAb 84	C1051	374305
TotalSeq ™ -C anti-human CD307c/FcRL3	H5/FcRL3	C0826	374413
TotalSeq ™ -C anti-human Folate Receptor β (FR-β)	94b/FOLR2	C0427	391711
TotalSeq ™ -C anti-human GPR56	4C3	C1021	391907
TotalSeq ™ -C anti-human CD56 (NCAM) Recombinant	QA17A16	C0084	392425
TotalSeq ™ -C anti-human CD66b	6/40c	C0166	392909
TotalSeq ™ -C anti-human CD57 Recombinant	QA17A04	C0168	393321
TotalSeq ™ -C anti-human CD133	S16016B	C0594	394007
TotalSeq ™ -C anti-human CD224	KF29	C1052	394307
TotalSeq ™ -C anti-human IgG Fc	M1310G05	C0375	410727
TotalSeq ™ -C anti-CD105 (Endoglin)	SN6h	C1060	800511
TotalSeq ™ -CHuman TBNK Cocktail			399903

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LEGENDScreen™

使用流式細胞儀，一次性的快速篩選上百種細胞表面標誌物

基本介紹

單個螢光團偶聯抗體或多種混合抗體已被免疫學 、癌症和幹細胞研究做為有力工具。BioLegend LEGENDScreen™ , 透過提供一次性快速篩選上百種大量細胞表面標誌物, 而設計的 PE 螢光團試劑盒, 該試劑盒可用於白細胞/細胞株/組織中分離細胞之應用。

LEGENDScreen™ 產品特點:

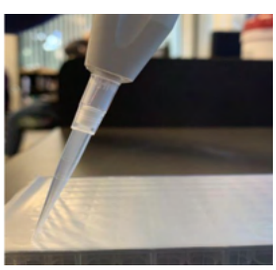
- LEGENDScreen™ 試劑盒擁有大量的不同標誌物可選擇。
- Human PE Kit 有361 個細胞表面標記和 10 個同型對照。
- Mouse PE Kit 包含 255 個細胞表面標記抗體以及 11 個同型對照。
- 預先測試最佳的偶聯抗體濃度, 提供具有可靠性的結果。
- 試劑盒提供染色緩衝液、固定緩衝液和密封貼。

LEGENDScreen™ 產品型錄:

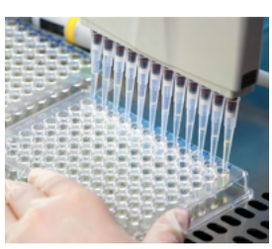
Product	Size	Cat.No.
LEGENDScreen ™ Human PE Kit 1 kit	1 test per antibody	700007
LEGENDScreen ™ Mouse PE Kit 1 kit	1 test per antibody	700005

LEGENDScreen™ 產品簡易步驟:

(1) 重組 LEGENDScreen 抗體　(2) 加入細胞到 well 盤　(3) 清洗細胞/離心/固定細胞　(4) 重懸細胞/上機









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LEGENDScreen human and mouse kits 產品型錄

Specificity	Hu	Mo
33D1		•
4-1BB Ligand	•	•
APCDD1	•	
B7-H4	•	•
C3aR	•	
Cadherin 11	•	
CCRL2	•	
CCX-CKR (CCRL1)	•	
CD1a	•	
CD1b	•	
CD1c	•	
CD1d	•	•
CD2	•	•
CD3	•	•
CD3ε		•
CD4	•	•
CD5	•	•
CD6	•	•
CD7	•	
CD8a	•	•
CD8b		•
CD9	•	•
CD10	•	
CD11a	•	•
CD11b	•	•
CD11c	•	•
CD13	•	
CD14	•	•
CD15	•	
CD16	•	
CD16/32		•
CD18	•	•
CD19	•	•
CD20	•	•
CD21	•	
CD21, CD35		•
CD22	•	•
CD23	•	•
CD24	•	•
CD25	•	•
CD26	•	
CD27	•	•
CD28	•	•
CD29	•	•
CD30	•	•
CD31	•	•
CD32	•	
CD33	•	
CD34	•	•
CD35	•	
CD36	•	•
CD36L1	•	
CD37		•
CD38	•	•
CD39	•	•
CD40	•	•
CD41	•	•
CD42b	•	
CD43	•	•
CD44	•	•
CD45	•	•
CD45RA	•	
CD45RB	•	•

Specificity	Hu	Mo
CD45RO	•	
CD45R/B220		•
CD45.1		•
CD45.2		•
CD46	•	
CD47	•	•
CD48	•	•
CD49a	•	•
CD49b	•	•
CD49c	•	
CD49d	•	•
CD49e	•	•
CD49f	•	
CD50	•	
CD51	•	•
CD52	•	
CD54	•	•
CD55	•	•
CD56 (NCAM)	•	
CD57	•	
CD58	•	
CD59	•	
CD59a		•
CD61	•	•
CD62E	•	
CD62L	•	•
CD62P	•	
CD63	•	•
CD64	•	•
CD66a		•
CD66a/c/e	•	
CD66b	•	
CD69	•	•
CD70	•	•
CD71	•	•
CD73	•	•
CD74	•	
CD79b	•	•
CD80	•	•
CD81	•	•
CD82	•	
CD83	•	•
CD84	•	•
CD85	•	
CD85d	•	
CD85h	•	
CD85k	•	•
CD86	•	•
CD87	•	
CD88	•	•
CD89	•	
CD90	•	
CD90.1		•
CD90.2		•
CD92	•	
CD93	•	•
CD94	•	•
CD95	•	
CD96	•	•
CD97	•	
CD98		•
CD99	•	
CD100	•	•
CD102	•	

Specificity	Hu	Mo
CD104	•	•
CD105	•	•
CD106	•	•
CD107a	•	•
CD107b	•	
CD109	•	
CD111	•	
CD112	•	
CD114	•	
CD115	•	•
CD116	•	
CD117	•	•
CD119	•	
CD120a		•
CD120b	•	•
CD121a		•
CD122	•	•
CD123	•	•
CD124	•	•
CD126	•	•
CD127	•	•
CD129	•	
CD130	•	•
CD131	•	
CD132	•	•
CD133		•
CD134	•	•
CD135	•	•
CD137	•	•
CD138	•	•
CD140a	•	•
CD140b	•	•
CD141	•	
CD142	•	
CD143	•	
CD144	•	•
CD146	•	•
CD147		•
CD148	•	
CD150	•	•
CD151	•	
CD152	•	•
CD153		•
CD154	•	•
CD155	•	•
CD156c	•	
CD157		•
CD158	•	
CD158b	•	
CD158e1	•	
CD159a		•
CD160	•	•
CD161	•	
CD162	•	
CD163	•	
CD164	•	
CD165	•	
CD166	•	
CD169	•	•
CD170	•	
CD172a (SIRPα)		•

Specificity	Hu	Mo
CD172a/b (SIRPα/β)	•	
CD172g (SIRPγ)	•	
CD178	•	•
CD179a	•	•
CD179b	•	
CD180	•	•
CD181	•	
CD182	•	•
CD183	•	•
CD184	•	•
CD185	•	•
CD186	•	•
CD191	•	
CD192	•	
CD193	•	•
CD194	•	•
CD195	•	•
CD196	•	•
CD197	•	•
CD198	•	•
CD199	•	•
CD200	•	•
CD200R	•	•
CD200R3		•
CD201	•	
CD202b	•	•
CD203c	•	
CD205	•	•
CD206	•	
CD207	•	•
CD209	•	
CD210	•	•
CD213α1	•	
CD213α2	•	
CD215	•	
CD217	•	
CD218a	•	
CD220	•	
CD221	•	
CD223	•	•
CD226	•	•
CD227	•	
CD229	•	•
CD230 (Prion)	•	
CD231	•	
CD235ab	•	
CD243	•	
CD244 (2B4)	•	
CD245	•	
CD252	•	•
CD253		•
CD254	•	•
CD255	•	•
CD258	•	
CD261	•	
CD262	•	•
CD263	•	
CD265		•
CD266	•	
CD267	•	•

Specificity	Hu	Mo
CD268	•	•
CD269	•	
CD271	•	
CD272	•	•
CD273		•
CD274	•	•
CD275	•	•
CD276	•	•
CD277	•	
CD278	•	•
CD279	•	•
CD282	•	
CD284	•	
CD290	•	
CD294	•	
CD298	•	
CD300c	•	
CD300c/d		•
CD300LG		•
CD301	•	•
CD301b		•
CD303	•	
CD304	•	•
CD307e	•	
CD309	•	•
CD314	•	
CD317	•	•
CD318	•	
CD319	•	•
CD323	•	
CD324	•	
CD325	•	
CD326	•	•
CD328	•	
CD334	•	
CD335	•	•
CD336	•	
CD337	•	
CD338	•	
CD339		•
CD340	•	
CD344	•	
CD351		•
CD352	•	
CD354	•	
CD355	•	•
CD357	•	•
CD360	•	
CD365	•	•
CD366	•	•
CD368	•	
CD369	•	•
CD370	•	•
CD371	•	•
CLEC4A	•	
CX3CR1	•	•
CXCL16	•	
CXCR7	•	
DcTRAIL-R1		•
DcTRAIL-R2		•

Specificity	Hu	Mo
Delta Opioid Receptor	•	
DLL1	•	•
DLL4	•	•
Dopamine Receptor D1 (DRD1)	•	
DR3	•	•
E-Cadherin		•
EGFR	•	
EphA2	•	
erbB3	•	
ESAM		•
F4/80		•
FcεRIα	•	•
FPR3	•	
FR4		•
Galectin-9		•
Ganglioside GD2	•	
GARP	•	•
GITR Ligand		•
GL7		•
GPR19	•	
GPR56	•	
GPR83	•	
H-2		•
HLA-A,B,C	•	
HLA-DR	•	
HLA-E	•	
HVEM	•	•
I-A/I-E		•
IFNAR-1		•
IFN-γ R β chain	•	•
Ig light chain κ	•	•
Ig light chain λ	•	
IgD	•	•
IgG Fc	•	
IgM	•	•
IL-21R		•
IL-23R		•
IL-28RA	•	
IL-33Rα		•
Integrin α9β1	•	
Integrin β5	•	
Integrin β7	•	•
Jagged 2	•	•
JAML		•
KLRG1	•	•
Ksp37	•	
LAP	•	•
LOX-1	•	
LPAM-1		•
LT β R		•
LY6G6D	•	
Ly-6A/E		•
Ly-6C		•
Ly-6D		•
Ly-6G		•

Specificity	Hu	Mo
Ly-6G/Ly-6C		•
Ly-6K		•
Ly-49A		•
Ly-49C/F/I/H		•
Ly49D		•
Ly49H		•
Ly-51		•
Ly108		•
Lymphotoxin β Receptor	•	
Mac-2		•
Mac-3		•
MAdCAM-1		•
MAIR-IV		•
MAIR-V		•
MD-1		•
MERTK	•	•
MICA/MICB	•	
MRGX2	•	
MSC	•	
MSC,NPC	•	
MUC-13	•	
NKG2D		•
NKp80	•	
NK-1.1		•
Notch 1	•	•
Notch 2	•	•
Notch 3	•	•
Notch 4	•	•
NPC	•	
PDC-TREM		•
PD-1H		•
PIR-A/B		•
Plexin B2		•
Podoplanin	•	•
PSMA	•	
RAE-1γ		•
ROR1	•	
Sialyl Lewis X (dimeric)	•	
Siglec H		•
Siglec-8	•	
Siglec-9	•	
Siglec-10	•	
SSEA-1		•
SSEA-3	•	
SSEA-4	•	
SSEA-5	•	
SUSD2	•	
TACSTD2	•	
TCR Vγ1.1 + Vγ1.2		•
TCR α/β	•	
TCR β chain		•
TCR γ/δ	•	•
TER-119		•
TIGIT		•
TIGIT (VSTM3)	•	
Tim-2		•
Tim-4	•	•
TLR4 (CD284)/ MD2 Complex		•
TLT-2	•	•
TM4SF20	•	

Specificity	Hu	Mo
TMEM8A	•	
TNAP	•	
TRA-1-60-R	•	
TRA-1-81	•	
TRA-2-49	•	
TRA-2-54	•	
Trem-like 4		•
TSLPR	•	
VEGFR-3	•	
VISTA		•
XCR1	•	•
β2-microglobulin	•	
Isotype Controls		
Armenian Hamster IgG Isotype Ctrl	•	•
Mouse IgG1, κ Isotype Ctrl	•	•
Mouse IgG2a, κ Isotype Ctrl	•	•
Mouse IgG2b, κ Isotype Ctrl	•	•
Mouse IgG3, κ Isotype Ctrl	•	
Mouse IgM, κ Isotype Ctrl	•	•
Rat IgG1, κ Isotype Ctrl	•	•
Rat IgG2a, κ Isotype Ctrl	•	•
Rat IgG2b, κ Isotype Ctrl	•	•
Rat IgG2c, κ Isotype Ctrl		•
Rat IgM, κ Isotype Ctrl	•	•
Syrian Hamster IgG Isotype Ctrl		•

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LEGEND MAX™ ELISA Kit

LEGEND MAX™



- 無需自行coating抗體
- 方便省時
- 批次間穩定度佳
- 實驗結果更一致

Kit Contents	LEGEND MAX™
Pre-coated Plate	●
Coating Buffer	
Capture Ab	
Detection Ab	●
Standard	●
Avidin-HRP	●
Assay Diluent	●
Substrate	●
Wash Buffer	●
Stop Solution	●

SARS-CoV-2 Legend MAX™-ELISA KIT 產品型錄

Category	Product	Cat.No.
SARS-CoV-2 Spike Protein Antibodies	Spike RBD Human IgG	447707
	Spike S1 Human IgG	447807
	Spike RBD IgM	448307
	Spike S1 IgM	448207
SARS-CoV-2 Nucleocapsid Protein Antibodies	Nucleocapsid Human IgG	448107
SARS-CoV-2 Nucleocapsid Protein	Nucleocapsid Protein	448007

Legend MAX™-ELISA KIT 熱門產品

Product	Cat.No.
TNF-α ELISA Kit	430207
IFN-γ ELISA Kit	430107
IL-1β ELISA Kit	437007

Product	Cat.No.
IL-2 ELISA Kit	431807
IL-6 ELISA Kit	430507
IL-10 ELISA Kit	430607

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SARS-CoV-2 antibody

Human SARS-CoV-2 antibody 產品型錄

Product	Application	Cat.No.
LEAF ™ Purified anti-human ACE2 Antibody	Block, WB, FC, IHC-P	503602
Purified anti-human ACE2 Antibody	IHC-P, WB	375801
Alexa Fluor® 647 anti-human ACE2 Antibody	IHC-P	375803
Purified anti-SARS-CoV-2 Nucleocapsid Antibody	WB, Direct ELISA	940901
Purified anti-SARS-CoV-2 Nucleocapsid Antibody	WB, ELISA, ICFC	946101
Purified anti-SARS-CoV-2 S Protein S1 Recombinant Antibody	ELISA, BA	938701
Purified anti-SARS-CoV-2 S Protein S1 Recombinant Antibody	BA, ELISA	938501
Purified anti-SARS-CoV-2 S Protein S1 Recombinant Antibody	ELISA	940501
Purified anti-SARS-CoV-2 S Protein S1 Recombinant Antibody	WB, ELISA	940401
Purified anti-SARS-CoV-2 S Protein S1 Recombinant Antibody	ELISA	940601
Purified anti-SARS-CoV-2 S Protein S1 Recombinant Antibody	ELISA	940701
Purified anti-SARS-CoV-2 S Protein S1 Recombinant Antibody	Block, ELISA	940801
Purified anti-SARS-CoV-2 S Protein S1 Antibody	WB, ELISA	944401
Ultra-LEAF ™ Purified anti-SARS-CoV-2 S Protein S1 Antibody	Block	944703
Purified anti-SARS-CoV-2 S Protein S1 Antibody	WB, FC, ELISA	945101
Purified anti-SARS-CoV-2 S Protein S1 Recombinant Antibody	ELISA	938601
Ultra-LEAF ™ Purified anti-SARS-CoV-2 S Protein RBD Antibody	Block	944803
Purified anti-SARS-CoV-2 S Protein S2 Antibody	WB, ELISA	943201
Purified anti-SARS-CoV S Protein S2 Antibody	WB, ELISA, Block	944301

EXCEL BIOMEDICAL 昶安生技
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台中 04-242200117 台南 06-3110133
免付費專線 0800-0123-010

SARS-COV-2
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