

Materials List for:

Optimized Interferon-gamma ELISpot Assay to Measure T Cell Responses in the Guinea Pig Model After Vaccination

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URL: <https://www.jove.com/video/58595>

DOI: [doi:10.3791/58595](https://doi.org/10.3791/58595)

Materials

Name	Company	Catalog Number	Comments
Collectra-3P	Inovio Pharmaceuticals		ID-Electroporatio device/ non-commercial, R&D-only
K ₂ EDTA blood collection tube	BD	367844	
Hank's Balanced Salt Solution	Gibco	14175-079	
Ficoll-Paque Plus	GE Healthacre	17144003	density gradient medium
SepMate tube	STEMCELL Technologies	85415	PBMC-isolation device
RPMI	Thermo Fisher	11875-135	
heat-deactivated FBS	VWR	97068-085	
Pen/Strep	Gibco	15140-122	
β-Mercaptoethanol	Gibco	21985-023	
96-well ELISpot PVDF-membrane	Millipore	MSIPS4W10	ELISpot assay plate
Ethanol	Sigma	459844-1L	
UPDI	Invitrogen	10977-015	Ultra-Pure DI water
Sucrose	Sigma	S7903	
Bovine Serum Albumin	Sigma	A7906	
10x PBS	HyClone	SH30378.03	
Concanavalin A (ConA)	Sigma	C5275-5MG	
alkaline phosphatase (ALP)-conjugated streptavidin	R&D Systems Inc.	SEL002	
BCIP/NBT	R&D Systems Inc.	SEL002	
capture anti-guinea pig IFN-γ antibody V-E4	GenScript	Order #:U5472CE080-3	LOT # A217071153
biotinylated detection anti-guinea pig IFN-γ antibody N-G3	GenScript	Order #:U5472CE080-1	LOT # A21700598
CTL S6 Micro Analyzer	ImmunoSpot	#S6MIC12	automated ELISpot plate reader
Vi-CELL XR	Beckman-Coulter	731050	automated cell counter
ImmunoSpot 5.1	ImmunoSpot		assay analysis software
ESCO Class II Type A2	ESCO		Biosafety cabinet
Falcon cell strainer	Corning, Inc.	VWR cat# 21008-952	
Exel Comfort Point Insulin syringe	MedLab Supply	26028	
Rotanta 460R	Hettich		centrifuge
Vi-CELL XR Quad Pak Reagent Kit	Beckman Coulter	383722	
Incu Safe	Panasonic-Healthcare		incubator
22μm Filter	ThermoScientific	VWR act# 597-4520	22μm Filter

KimWipes	Kimberly-Clark Professional	VWR cat# 21903-005	paper towels
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