

Materials List for:

Forward Genetics Screens Using Macrophages to Identify *Toxoplasma gondii* Genes Important for Resistance to IFN- γ -Dependent Cell Autonomous Immunity

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URL: <https://www.jove.com/video/52556>

DOI: [doi:10.3791/52556](https://doi.org/10.3791/52556)

Materials

Name	Company	Catalog Number	Comments
DMEM	Hyclone	SH3008101	https://www.fishersci.com/ecommm/servlet/itemdetail?storeId=10652&langId=-1&catalogId=29101&productId=3255471&dis type=0&highlightProductsItemsFlag=Y&fromSearch=1&searchType=PROD&hasPromo=0
Hyclone FBS	Thermo	SH3091003	https://www.fishersci.com/ecommm/servlet/itemdetail?storeId=10652&langId=-1&catalogId=29104&productId=11737973&dis type=0&highlightProductsItemsFlag=Y&fromSearch=1&searchType=PROD&hasPromo=0
Hyclone DPBS	Thermo	SH3002802	https://www.fishersci.com/ecommm/servlet/itemdetail?storeId=10652&langId=-1&catalogId=29104&productId=2434305&dis type=0&highlightProductsItemsFlag=Y&fromSearch=1&searchType=PROD&hasPromo=0
Hyclone L-glutamine	Thermo	SH3003401	https://www.fishersci.com/ecommm/servlet/itemdetail?storeId=10652&langId=-1&catalogId=29104&productId=3311957&dis type=0&highlightProductsItemsFlag=Y&fromSearch=1&searchType=PROD&hasPromo=0
Hyclone Pen strep	Thermo	SV30010	https://www.fishersci.com/ecommm/servlet/fsproductdetail?storeId=10652&productId=13096686&catalogId=29104&matchedCatNo=SV30010&fromSearch=1&searchKey=SV30010&highlightProductsItemsFlag=Y&endecaSearchQuery=%23store%3DRE_SC%23nav%3D0%23rpp%3D25%23offSet%3D0%23keyWord%3DSV30010%2B%23searchType%3DPROD%23SWKeyList%3D%5B%5D&xrefPartType=From&savings=0.0&xrefEvent=1407777949003_0&searchType=PROD&hasPromo=0

Hyclone Hanks BSS	Thermo	SH3003002	https://www.fishersci.com/ecommm/servlet/itemdetail?storeId=10652&langId=-1&catalogId=29104&productId=3064595&dis type=0&highlightProductsItemsFlag=Y&fromSearch=1&searchType=PROD&hasPromo=0
LPS	LIST biologicals	201	http://www.listlabs.com/products-tech.php?cat_id=4&product_id=81&keywords=LPS_from_%3Cem %3EEscherichia_coli%3C/em %3E_O111:B4
IFN- γ	Pepro Tech Inc	50-813-664	https://www.fishersci.com/ecommm/servlet/itemdetail?itemdetail='item'&storeId=10652&productId=2988494&catalogId=29104&matchedCatNo=50813664&fromSearch=1&searchKey=murine+ifn+pepro+tech&highlightProductsItemsFlag=Y&endecaSearchQuery=%23store%3DRE_SC%23nav %3D0%23rpp%3D25%23offset %3D0%23keyWord%3Dmurine %2Bifn%2Bpepro%2Btech %23searchType%3DPROD %23SWKeyList%3D%5B %5D&xrefPartType=From&savings=0.0&xrefEvent=1407778210608_12&searchType=PROD&hasPromo=0
Chamber slides	Thermo	177402	https://www.fishersci.com/ecommm/servlet/itemdetail?storeId=10652&langId=-1&catalogId=29104&productId=2164545&dis type=0&highlightProductsItemsFlag=Y&fromSearch=1&searchType=PROD&hasPromo=0
96-well optical plates	Thermo	165306	https://www.fishersci.com/ecommm/servlet/itemdetail?storeId=10652&langId=-1&catalogId=29104&productId=3010670&dis type=0&highlightProductsItemsFlag=Y&fromSearch=1&searchType=PROD&hasPromo=0
96-well tissue culture plates	Fisher	353072	https://www.fishersci.com/ecommm/servlet/itemdetail?storeId=10652&langId=-1&catalogId=29104&productId=3158736&dis type=0&highlightProductsItemsFlag=Y&fromSearch=1&searchType=PROD&hasPromo=0
Tissue culture flast T25	Fisher	156367	https://www.fishersci.com/ecommm/servlet/fsproductdetail?storeId=10652&productId=12703967&catalogId=29104&matchedCatNo=12565351&fromSearch=1&searchKey=156367&highlightProductsItemsFlag=Y&endecaSearchQuery=%23store%3DRE_SC%23nav %3D0%23rpp%3D25%23offset %3D0%23keyWord %3D156367%23searchType %3DPROD

			%23SWKeyList%3D%5B%5D&xrefPartType=From&savings=0.0&xrefEvent=1407778974800_0&searchType=PROD&hasPromo=0
Ted Pella EM grade formaldehyde	Ted Pella	18505	http://www.tedpella.com/chemical_html/chem3.htm#anchor267712
Triton X-100	Fisher	BP151	https://www.fishersci.com/ecom/servlet/itemdetail?storeId=10652&langId=-1&catalogId=29104&productId=3425922&disType=0&highlightProductsItemsFlag=Y&fromSearch=1&searchType=PROD&hasPromo=1
Alexa 488 - protein conjugation kit	Life Technologies	A20181	http://www.lifetechnologies.com/order/catalog/product/A10235
goat serum	MP Biomedicals	ICN19135680	https://www.fishersci.com/ecom/servlet/itemdetail?storeId=10652&langId=-1&catalogId=29104&productId=2133236&disType=0&highlightProductsItemsFlag=Y&fromSearch=1&crossRefData=ICN19135680=2&searchType=PROD&hasPromo=0
Vectashield mounting media	Vector Labs	H1200	https://www.vectorlabs.com/catalog.aspx?prodID=428
FITC-conjugated dolichos	Vector Labs	FL-1031	https://www.vectorlabs.com/catalog.aspx?prodID=188
Antibody to LAMP1	Developmental Studies Hybridoma Bank	http://dshb.biology.uiowa.edu/LAMP-1	
LysoTracker	Life Technologies	L-7526	https://www.lifetechnologies.com/order/catalog/product/L7526?ICID=search-product
C57BL6 mice	Jackson Laboratories	664	http://jaxmice.jax.org/strain/000664.html
gp91 phox knock out mice	Jackson Laboratories	2365	http://jaxmice.jax.org/strain/002365.html
iNOS knock out mice	Jackson Laboratories	2609	http://jaxmice.jax.org/strain/002609.html
sodium nitroprusside	ACROS Organics	AC21164-0250	https://www.fishersci.com/ecom/servlet/itemdetail?storeId=10652&langId=-1&catalogId=29104&productId=2627727&disType=0&highlightProductsItemsFlag=Y&fromSearch=1&searchType=PROD&hasPromo=1
DETA NONOate	ACROS Organics	AC32865-0250	https://www.fishersci.com/ecom/servlet/itemdetail?storeId=10652&langId=-1&catalogId=29104&productId=2252389&disType=0&highlightProductsItemsFlag=Y&fromSearch=1&searchType=PROD&hasPromo=1
Monoclonal mouse anti-Toxoplasma gondii Ab	Fitzgerald Industries International	10T19A	http://1degreebio.org/reagents/product/1069274/?qid=652947