

Materials List for:

Ex Vivo Infection of Murine Epidermis with Herpes Simplex Virus Type 1

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Materials

Name	Company	Catalog Number	Comments
DMEM/high glucose/GlutaMAX	Life Technologies	31966047	needed for cultivation of epidermal sheets
dispase II powder	Roche	4942078001	has to be solved in heated PBS
enzyme-free cell dissociation solution	Sigma	C5914	needed for very gentle dissociation of epidermal sheets
TrypLE select cell dissociation solution	Life Technologies	12563-029	needed for dissociation of epidermal sheets
chelex 100 resin	Bio-Rad	142-2832	needed for chelation of polyvalent metal ions from the fetal calf serum
gelatin from cold water fish skin	Sigma	G7765	needed for minimization of non-specific antibody binding
Keratin 14 Polyclonal Antibody (AF64) (conc.: 1 mg/ml)	Covance	PRB-155P	used to visualize the intermediate filament keratin 14 which is a marker of the basal layer of the epidermis
Mouse IgG (H+L) Secondary Antibody, Alexa Fluor 488 conjugate (conc.: 2 mg/ml)	Life Technologies	A-11029	used as secondary antibodies
Rabbit IgG (H+L) Secondary Antibody, Alexa Fluor 555 conjugate (conc.: 2 mg/ml)	Life Technologies	A-21429	used as secondary antibodies
4',6-Diamidino-2-phenylindole dihydrochloride (DAPI dihydrochloride) (conc.: 0.1 mg/ml)	Sigma	36670	used to counterstain the nucleus