

Materials List for:

Using Robotic Systems to Process and Embed Colonic Murine Samples for Histological Analyses

Fulvia Milena Cribiù¹, Claudia Burrello^{*2}, Roberta Tacchi¹, Francesca Boggio¹, Dario Ricca¹, Flavio Caprioli^{3,4}, Stefano Ferrero¹, Federica Facciotti²

¹Pathology Unit, Fondazione IRCCS Cà Granda, Ospedale Policlinico di Milano

²Department of Experimental Oncology, European Institute of Oncology

³Gastroenterology and Endoscopy Unit, Fondazione IRCCS Cà Granda, Ospedale Maggiore Policlinico

⁴Department of Pathophysiology and Transplantation, Università degli Studi di Milano

* These authors contributed equally

Correspondence to: Federica Facciotti at Federica.Facciotti@ieo.it

URL: <https://www.jove.com/video/58654>

DOI: [doi:10.3791/58654](https://doi.org/10.3791/58654)

Materials

Name	Company	Catalog Number	Comments
Absolute Ethanol anhydrous	Carlo Erba	414605	reagent
Absolute ETOH	Honeywell	02860-1L	reagent
Aluminium Potassium Sulfate	SIGMA	A6435	reagent
Aniline Blue	SIGMA	415049	reagent
carbol Fuchsin	SIGMA	C4165	reagent
CD11b (clone M1/70)	TONBO biosciences	35-0112-U100	antibody
CD20 IHC (clone SA275A11)	Biolegend	150403	antibody
CD3 (17A2)	TONBO biosciences	35-0032-U100	antibody
CD4 (GK1.5)	BD Biosciences	552051	antibody
CD45.2 (clone 104)	BioLegend	109837	antibody
CD8 (53-6.7)	BD Biosciences	553031	antibody
Citrate Buffer pH 6 10X	SIGMA	C9999	reagent
Dab	Vector Laboratories	SK-4100	reagent
DPBS 1X	Microgem	L0615-500	reagent
DSS	TdB Consultancy	DB001	reagent
EDTA	SIGMA	E9884	reagent
EnVision Flex Peroxidase-Blocking Reagent	DAKO		compreso in GV80011-2
EnVision Flex Substrate	DAKO		compreso in GV80011-2
EnVision Flex/HRP	DAKO		compreso in GV80011-2
EnVision Flex+ Rat Linker	DAKO		compreso in GV80011-2
Eosin	VWR	1.09844	reagent
F4/80 (clone BM8)	BioLegend	123108	antibody
Formalin	PanReac	2,529,311,215	reagent
glacial acetic acid	SIGMA	71251	reagent
Goat-anti-Rat-HRP	Agilent DAKO	P0448	antibody
Haematoxylin	DIAPATH	C0303	reagent
LEICA Rotary microtome (RM2255)	Leica	RM2255	equipment
Ly6g (clone 1A8)	BD Biosciences	551459	antibody

Mercury II Oxide	SIGMA	203793	reagent
Omnis Clarify Clearing Agent	DAKO	CACLEGAL	reagent
Omnis EnVision Flex TRS	DAKO	GV80011-2	reagent
Orange G	SIGMA	O3756	reagent
Paraffin	Sakura	7052	reagent
Peloris	LEICA		equipment
Percoll	SIGMA	P4937	reagent
RPMI 1640 without L-Glutamine	Microgem	L0501-500	reagent
STS020	Leica		equipment
Tissue-Tek Paraform Sectionable Cassette	SAKURA	7022	equipment
Tissue-Tek Automated paraffin embedder	Sakura		equipment
Xylene	J.T.Baker	8080.1000	reagent