

Materials List for:

# Analyzing Beneficial Effects of Nutritional Supplements on Intestinal Epithelial Barrier Functions During Experimental Colitis

Hilda Vargas Robles<sup>1</sup>, Karla Fabiola Castro Ochoa<sup>1</sup>, Porfirio Nava<sup>2</sup>, Angélica Silva Olivares<sup>3</sup>, Mineko Shibayama<sup>3</sup>, Michael Schnoor<sup>1</sup>

<sup>1</sup>Department of Molecular Biomedicine, Center for Research and Advanced Studies of the National Polytechnic Institute

<sup>2</sup>Department of Physiology, Biophysics and Neurosciences, Center for Research and Advanced Studies of the National Polytechnic Institute

<sup>3</sup>Department of Infectomics and Molecular Pathogenesis, Center for Research and Advanced Studies of the National Polytechnic Institute

Correspondence to: Michael Schnoor at [mschnoor@cinvestav.mx](mailto:mschnoor@cinvestav.mx)

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## Materials

Name	Company	Catalog Number	Comments
0.3% of gelatin	Bioxon	158	
10% formaldehyde	J.T. Baker	2106-03	
96-well plate with flat bottom	Corning	3368	
Absolute ethanol	J.T. Baker	9000-03	
Absolute xylene	J.T. Baker	9490-03	
ABTS	Sigma Aldrich	H5882	
Bovine Serum Albumin	Sigma-Aldrich	9048-46-8	
ColoScreen	Helena Laboratories	5072	
Corabion (Kindly provided by Merck, Naucalpan, Mexico)	Merck		
Dextran Sulfate Sodium Salt	Affymetrix	9011-18-1	(M.W. 40,000-50,000)
Dihydroethidium	Life Technology	D11347	
Eosin-Y	J.T. Baker	L087-03	
Evans blue	Sigma-Aldrich	314-13-6	
Feeding needle	Cadence Science Inc.	9921	
Glass slide rack with handle	Electron Microscopy	70312-16	
Glass Slides	Corning	2947	
Harris hematoxylin	Sigma-Aldrich	H3136	
Hexadecyltrimethylammonium (HTAB)	Sigma Aldrich	H6269	
Histosette (Embedding cassette)	Simport	M498.2	
Hydrochloric acid 1 M	J.T. Baker	9535-62	
Hydrogen peroxide	Sigma Aldrich	H3410	
Ketamine	PiSA Agropecuaria	Q-7833-028	
Liquid paraffin	Paraplast	39501-006	
Lithium carbonate	Sigma-Aldrich	2362	
<i>N,N</i> -dimethylformamide	J.T. Baker	68-12-2	
<i>N</i> -acetylcysteine	Sigma-Aldrich	A9165	
Plastic cubes	Electron Microscopy	70181	
Poly-L-Lysine Solution	Sigma-Aldrich	25988-63-0	
Prism 5 statistical software	GraphPad Software	Prism 5	
Saline Solution 0.9% NaCl	CS PiSA	Q-7833-009	
Sodium citrate	Sigma-Aldrich	W302600	

Synthetic resin	Poly Mont	7987	
Taq DNA polymerase	Invitrogen	11615-010	
Tissue-tek. O.C.T Compound	Sakura Finetek	4583	
Tuberculine Syringe	BD Plastipak	305945	
Tween 20	Sigma-Aldrich	9005-64-5	
VECTASHIELD Antifade Mounting Medium with DAPI	Vector Laboratories	H-1200	
Xylazine	PiSA Agropecuaria	Q-7833-099	