

Materials List for:

Detection of Signaling Effector-Complexes Downstream of BMP4 Using *in situ* PLA, a Proximity Ligation Assay

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URL: <https://www.jove.com/video/2631>

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Materials

Name	Company	Catalog Number	Comments
GMEM	Invitrogen	21710025	
DMEM	Invitrogen	21063029	
FBS	AutogenBioclear	7.01	
Non-essential Amino Acids	Invitrogen	11149068	
Sodium Pyruvate	Invitrogen	11360070	
Penicillin / Streptomycin	Invitrogen	15140122	
L-glutamine	Invitrogen	25030-054	
Trypsin, 0.05% (1X) with EDTA 4Na, liquid	Invitrogen	25300-054	
16-well chamber slides	Lab-Tek	178599	
Polysine	VWR international	631-0107	
Cover glass	VWR international	631-0138	
a-pSmad1/5/8	Cell Signaling Technology	9511	
a-Smad4 (B8)	Santa Cruz Biotechnology, Inc.	sc-7966	
Dorsomorphin	Merck & Co., Inc.	171260-10MG	
Recombinant Mouse BMP-4	R&D Systems	5020-BP-010	
PFA	Sigma-Aldrich	P6148	
Triton-X 100	Sigma-Aldrich	T8787	
Tween-20	Promega Corp.	H5151	
Duolink II Detection Reagents (Orange)	Olink Bioscience	92007-0100	
Duolink II PLA probe anti-Mouse MINUS	Olink Bioscience	92004-0100	
Duolink II PLA probe anti-Rabbit PLUS	Olink Bioscience	92002-0100	
Duolink II Mounting Medium with DAPI	Olink Bioscience	82040-0005	
Duolink II Wash Buffers Fluorescence	Olink Bioscience	82049	