

Materials List for

Platelet-rich Plasma Lysate for Treatment of Eye Surface Diseases

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Citation

Merolle, L., Iotti, B., Berni, P., Bedeschi, E., Boito, K., Maurizi, E., Gavioli, G., Razzoli, A., Baricchi, R., Marraccini, C., Schirotti, D. Platelet-rich Plasma Lysate for Treatment of Eye Surface Diseases. *J. Vis. Exp.* (186), e63772, doi:10.3791/63772 (2022).

Date Published

August 2, 2022

DOI

10.3791/63772

URL

jove.com/video/63772

Materials

Name	Company	Catalog Number	Comments
Equipments			
CompoSeal Mobile II	Fresenius Kabi, Germany		bag sealer
HeraSafe hood	Heraeus Instruments, Germany		Class II biohazard hood
MCS+ 9000 Mobile Platelet Collection System	Haemonetics, Italy		automated plasma and multicomponent collection equipment for donating platelet, red cell, plasma, or combination blood components
Platelet shaker, PF396i	Helmer, USA		Platelet shaker
Raycell X-ray Blood Irradiator	MDS Nordion, Canada		X-ray Blood Irradiator
ROTIXA 50RS	Hettich Zentrifugen, Germany		High speed centrifuge
Sysmex XS-1000i	Sysmex Europe GMBH, Germany		haemocytometer for platelet count
Warm bath, WB-M15	Falc Instruments, Italy		Warm bath
Materials			
ACD-A anticoagulant solution A	Fenwal Inc., USA	DIN 00788139	anticoagulant solution for platelet apheresis (1000 ml)
BD BACTEC Peds Plus/F Culture vials	BD Biosciences, USA	BD 442020	Sterility assay
BD BACTEC Peds Plus/F Culture vials	BD Biosciences, USA	442020	At least 2 vials for sterility assay
BD Luer Lok Syringe	BD Plastipack, USA	300865	At least 4 sterile syringes (50 ml)
Bio-Plex Human Cancer Panel 1	BioRad Laboratories, USA	171AC500M	Standard panel for PDGF isoforms assessment
Bio-Plex Human Cancer Panel 2	BioRad Laboratories, USA	171AC600M	Standard panel for EGF assessment
Bio-Plex MAGPIX Multiplex Reader	BioRad Laboratories, USA	Magpix	This instrument allows multiple immunoassays using functionalized magnetic beads.
Bio-Plex Pro TGF- β Assay	BioRad Laboratories, USA	10024984	Set and standards for TGF β isoforms assessment
BioRet	ARIES s.r.l., Italy	A2DH0020	At least 4 piercing spike for blood bags

Blood collection tube	BD Vacutainer, USA	367835	1 tube, necessary to perform platelet counts
Eye drops kit. COL Medical Device for the application and preservation of eye drops from haemocomponents	Biomed Device s.r.l., Italy	COLC50	Eye drops kit. At least 2 kits for each PRP unit collected
Human Cancer PDGF-AB/BB Set 1x96well	BioRad Laboratories, USA	171BC511	Set for PDGF isoforms assessment
Human Cancer2 EGF Set 1x96well	BioRad Laboratories, USA	171BC603M	Set for EGF assessment
NaCl 0.9% sterile solution	Baxter S.p.A., Italy	B05BB01	1000 ml
OSDI Questionnaire	Allergan Inc., USA	OSDI	Ocular Surface Disease Index Questionnaire
Piercing spike	BioRet ARIES s.r.l., Italy	BS051004	Spike
Platelet Additive Solution A+ T-PAS+	TERUMO BCT Inc., Italy	40842	preservative solution for platelet concentrates (1000 ml)
Software Excel	Microsoft, USA	Excel	Data analysis software
Teruflex Transfer bag 1000 ml	TERUMO BCT Inc., Italy	BB*T100BM	1 for PRP dilution
Teruflex Transfer bag 300 ml	TERUMO BCT Inc., Italy	BB*030CM	At least 6 for each PRP unit collected