

Compositions of centralized supplied buffers and media

Standard RPMI medium composition

component	volume	final concentration	manufacturer	product no.
RPMI	500 mL		Gibco	61870-044
FCS	50 mL	10%	depends on current batch	
PS	5 mL	100 U/mL	Gibco	15140-122
ME	0.5 mL	50 µM	Gibco	31350-010

Standard DMEM medium composition

component	volume	final concentration	manufacturer	product no.
DMEM	500 mL		Gibco	61965-059
FCS	50 mL	10%	depends on current batch*	
PS	5 mL	100 U/mL	Gibco	15140-122
ME	0.5 mL	50 µM	Gibco	31350-010

* lot no. of different batches are listed in document "07_chemicals and cell culture reagents"

Freezing medium composition

component	final concentration	manufacturer	product no.
DMSO	10%	Sigma Aldrich	D2650-5X10 ML
FCS	90%	depends on current batch	

PBS composition (sorter buffer)

component	final concentration	manufacturer	product no.
10x PBS powder for 5L 1.4 M NaCl 0.027 M KCl 0.1 M phosphate buffer, pH 7.4	1x PBS	Th. Geyer GmbH & Co. KG	8462-5PCE

PBS/BSA composition

component	final concentration	manufacturer	product no.
10x PBS powder for 5L	1x PBS	Th. Geyer GmbH & Co. KG	8462-5PCE
BSA	0.2%	PAN Biotech GmbH	P06-1391500

PBS/BSA/Azide composition (FACS-buffer)

component	final concentration		
10x PBS powder for 5L	1x PBS	Th. Geyer GmbH & Co. KG	8462-5PCE
BSA	0.2%	PAN Biotech GmbH	P06-1391500
10% in-house prepared sodium azide solution	0.02%	Sigma-Aldrich	S2002-100G