

Materials List for

Determining Total Protein and Bioactive Protein Concentrations in Bovine Colostrum

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Materials

Name	Company	Catalog Number	Comments
10X Running Buffer (Tris-Glycine-SDS)	ClearBand	TGS10	SDS-Page analysis
2-mercaptoethanol	gibco	31350-010	SDS-Page analysis
Acetic Acid GLACIAL	Isolab	901,013,2500	SDS-Page analysis
Bovine IgG ELISA Kit	Aviva Systems Biology	OKIA00005	Determination of IgG concentration
Bovine LF / LTF / Lactoferrin ELISA Kit	LSBio Lifespan Biosciences	LS-F4884	Determinaton of lactoferrin concentration
Coomassie Brilliant Blue R 250	amresco	0472-25G	SDS-Page analysis
Hydrochloric Acid Fuming 37%	Isolab	932,103,2501	SDS-Page analysis
Isopropanol	Isolab	961,023,2500	SDS-Page analysis
Laemmli Sample Buffer (2X)	ClearBand	LSB-2x	SDS-Page analysis
Methanol	Isolab	947,046,2500	SDS-Page analysis
PageRuler Plus Prestained Protein Ladder 10 to 250	Thermo Scientific	26619	SDS-Page analysis
Pierce BCA Protein Assay Kit	Thermo Scientific	23225	Determination of protein concentration
Sodium dodecyl sulfate (SDS)	BioShop	SDS001.500	SDS-Page analysis
SureCast Acrylamide Solution 40% (w/v)	Invitrogen	HC2040	SDS-Page analysis
SureCast Ammonium persulfate (APS)	Thermo Scientific	17874	SDS-Page analysis
SureCast Tetramethylethylenediamine (TEMED)	Invitrogen	HC2006	SDS-Page analysis
TECAN Infinite M200 Plate Reader	Tecan	30035094	Measurement of absorbance
Tris base	BioShop	TRS001.1	SDS-Page analysis