

Materials List for:

Titration ELISA As a Method to Determine the Dissociation Constant of Receptor Ligand Interaction

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Materials

Name	Company	Catalog Number	Comments
TRIS	neoFrox	1125KG001	
HEPES	Sigma-Aldrich	H4034	
NaCl	Applichem	1,316,591,214	
MgCl ₂	Merck	172571	
integrin α 2A, wild-type and mutant, recombinant		isolated in author's lab	
NiNTA superflow column	Qiagen, Germany	30821	
Coomassie-Brilliant Blue R250	Serva	35050	
bicinchoninic acid assay (BCA), protein concentration determination kit	Fisher Scientific	23225	
bovine serum albumine (BSA), fraction V	Applichem	A1391	
25 % solution of glutaraldehyde	Merck	354400	
anti-rabbit immunoglobulin-antibodies from goat, conjugated with alkaline phosphatase	Sigma-Aldrich	A9919	
Glycine	Applichem	A1377	
Zn(II)-acetate	Applichem	A4324	
NaOH	Applichem	A1551	
Alkaline phosphatase substrate tablet (5 mg)	Sigma-Aldrich	S0942	
Costar half-area microtiter plate	Thermo Scientific	Corning 3690	
micro reaction tubes	Eppendorf	30120086	
Microplate ELISA reader	BioTek	Synergy HT	