

Materials List for

RGBradford: Protein Quantitation with a Smartphone Camera

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jove.com/video/65547

Materials

Name	Company	Catalog Number	Comments
96-well flat-bottom polystyrene microtiter plates	Jet Biofil, Guangzhou, China	TCP011096	Any flat-bottom microplate compativle with optical reading will suffice.
Bovine serum albumin	Sigma-Aldrich, St. Louis, MO	A2153	
Coomassie Brilliant Blue G	Sigma-Aldrich, St. Louis, MO	B0770	
Ethyl alcohol			
iPhone 11	Apple	MWM02BR/A	Can be substituted with other smartphone equiped with a camera
iPhone 14 Pro	Apple	N/A	
Phosphoric acid	Sigma-Aldrich, St. Louis, MO	695017	
Redmi Note 9 Pro	XIAOMI	N/A	
S22 Ultra	Samsung	N/A	
SpectraMax 384 Plus. Microplate reader.	Molecular Devices, San Jose, CA	PLUS 384	Any microplate reader capable of reading at 450 nm and 590 nm will work. This is optional. The method was actually created to dismiss the need of a microplate reader.