

Materials List for:

Applications of pHluorin for Quantitative, Kinetic and High-throughput Analysis of Endocytosis in Budding Yeast

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Materials

Name	Company	Catalog Number	Comments
Adenine	Sigma	A8626-25G	Use for preparation of amino acid mixture and stock solution
Bacto-agar	Fisher	BP1423-2	Use for preparation of plate media
BD Difco Yeast Nitrogen Base (without amino acids)	BD	291920	Use for preparation of liquid and plate media
Concanavalin A	Sigma	C5275-5MG	Use for coating of chamber slides
Dextrose	Fisher	BP350-1	Use for preparation of liquid and plate media
L-Histidine	Fisher	BP382-100	Use for preparation of amino acid mixture and stock solution
L-Leucine	Acros	125121000	Use for preparation of amino acid mixture and stock solution
L-Lysine	Fisher	BP386-100	Use for preparation of amino acid mixture and stock solution
L-Methionine	Fisher	BP388-100	Use for preparation of amino acid mixture and stock solution
L-Tryptophan	Fisher	BP395-100	Use for preparation of amino acid mixture and stock solution
L-Tyrosine	Acros	140641000	Use for preparation of amino acid mixture
Nunc Lab-Tek Chambered Coverglass (8-well)	Thermo Scientific	155411	Use for kinetic and endpoint assays of Mup1-pHluorin internalization
Uracil	Sigma	U0750-100G	Use for preparation of amino acid mixture and stock solution
Axiovert 200 inverted microscope	Carl Zeiss	Custom Build	
100X/1.4 Plan-Apochromat Oil Immersion Objective Lens	Carl Zeiss		Objective should be 100X, 1.4NA or higher
Sensicam	Cooke Corporation		Camera should have 12-bit or higher dynamic range
X-Cite 120PC Q Illumination Source	Excelitas Technologies		
Slidebook 5 software	Intelligent Imaging Innovations		
ImageJ software	National Institutes of Health		http://imagej.nih.gov/ij/