

Materials List for:

Cell-free Biochemical Fluorometric Enzymatic Assay for High-throughput Measurement of Lipid Peroxidation in High Density Lipoprotein

Shubhendu Sen Roy¹, Huy Cong Xuan Nguyen¹, Thomas A. Angelovich^{2,3}, Anna C. Hearps², Diana Huynh^{1,4}, Anthony Jaworowski^{2,4}, Theodoros Kelesidis¹

¹University of California, Los Angeles

²Centre for Biomedical Research, Burnet Institute

³School of Health and Biomedical Sciences, RMIT University

⁴Department of Infectious Diseases, Monash University

Correspondence to: Theodoros Kelesidis at TKelesidis@mednet.ucla.edu

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Materials

Name	Company	Catalog Number	Comments
Experimental Reagents			
HDL PEG (Polyethylene Glycol) Precipitating Reagent	Pointe Scientific	H7511	
Amplex Red reagent.	Life Technologies, Grand Island, NY	A12216	Amplex Red Cholesterol Assay Kit. • ≤−20°C • Desiccate • Protect from light
DMSO.	Life Technologies, Grand Island, NY	A12216	Amplex Red Cholesterol Assay Kit. • ≤−20°C • Desiccate • Protect from light
Horse Radish Peroxidase (HRP)	Life Technologies, Grand Island, NY	A12216	Amplex Red Cholesterol Assay Kit. • ≤−20°C • Desiccate • Protect from light
Cholesterol Esterase.	Life Technologies, Grand Island, NY	A12216	Amplex Red Cholesterol Assay Kit. • ≤−20°C • Desiccate • Protect from light
Cholesterol Reference standard	Life Technologies, Grand Island, NY	A12216	Amplex Red Cholesterol Assay Kit. • ≤−20°C • Desiccate • Protect from light
Resorufin fluorescence Reference standard	Life Technologies, Grand Island, NY	A12216	Amplex Red Cholesterol Assay Kit. • ≤−20°C • Desiccate • Protect from light
5x Reaction Buffer.	Life Technologies, Grand Island, NY	A12216	Amplex Red Cholesterol Assay Kit. • ≤−20°C • Desiccate • Protect from light
HDL Cholesterol Automated Reagent	ThermoFisher Scientific Co., San Jose, CA, USA.	TR39601	
Name			
Company			
Catalog Number			
Comments			
Plasticware			
96-well plates (polypropylene, flat bottom, clear).	Sigma Aldrich	M0687	
96-well plates (polypropylene, flat bottom, black).	Sigma Aldrich	M9936	
1.5 mL Eppendorf tubes	Eppendorf	0030 125.150	
ClipTip 200, sterile	ThermoFisher Scientific Co., San Jose, CA, USA.	14-488-058	
Thermo Scientific Multichannel Pipettes, 8-channel, 125	ThermoFisher Scientific Co., San Jose, CA, USA.	14-387--955	

Name	Company	Catalog Number	Comments
Software			
Gen5 2.01 software	Biotek, Vermont, USA	NA	
Name	Company	Catalog Number	Comments
Equipment			
Gen5 Plate reader	Biotek, Vermont, USA	NA	