

Materials List for:

Fluorescence-based Monitoring of PAD4 Activity via a Pro-fluorescence Substrate Analog

Mary J. Sabulski¹, Jonathan M. Fura¹, Marcos M. Pires¹

¹Department of Chemistry, Lehigh University

Correspondence to: Marcos M. Pires at map311@lehigh.edu

URL: <https://www.jove.com/video/52114>

DOI: [doi:10.3791/52114](https://doi.org/10.3791/52114)

Materials

Name	Company	Catalog Number	Comments
LB Broth, Miller (LURIA-BERTANI)	Amresco	J106-2KG	http://www.amresco-inc.com
Ampicillin Trihydrate (Off-white Powder), Fisher BioReagents	Fisher Scientific	BP902-25	http://www.fishersci.com
Isopropylthiogalactonase (IPTG)	Life Technologies	15529-019	http://www.lifetechnologies.com
All Buffer Salts	Fisher Scientific		Can purchase from Fisher Scientific; VWR; Acros; Sigma-Aldrich; etc.
Protino Glutathione (GSH) agarose	Machery-Nagel	745500.10	Store at 4 °C; http://www.mn-net.com/
Chloroamidine	Cayman Chemical	10599	Store at -20 °C; https://www.caymanchem.com/app/template/Home.vm
Triton X-100	Sigma Aldrich	X100-100ML	www.sigmaaldrich.com
Corning/Nunc MicroWell plates (96 and 384)			Purchase from Corning; Sigma-Aldrich
Tecan Infinite 200 / Tecan i-control microplate reader software			www.tecan.com
Europium Ex. 340/40 Em. 475/15 filter			http://www.perkinelmer.com