

Title (en)  
SAMPLE PREPARATION FOR FLOW CYTOMETRY

Title (de)  
PROBENVORBEREITUNG FÜR DURCHFLUSSZYTOMETRIE

Title (fr)  
PRÉPARATION D'ÉCHANTILLON POUR CYTOMÉTRIE DE FLUX

Publication  
**EP 2834367 A4 20160323 (EN)**

Application  
**EP 13773119 A 20130404**

Priority  
• US 201261620823 P 20120405  
• US 2013035291 W 20130404

Abstract (en)  
[origin: WO2013152203A1] Described herein are methods and reagents for identifying and analyzing at least one microorganism (e.g. bacteria) in a sample and reducing the background signal intensity obtained when analyzing the sample by flow cytometry. The sample is prepared by combining the sample with a background signal-reducing molecule or with a nucleic acid stain covalently linked to a quencher. A portion of the particulate matter in the sample can optionally be removed with a resin prior to staining with a nucleic acid stain.

IPC 8 full level  
**C12Q 1/02** (2006.01); **C12M 1/34** (2006.01); **C12Q 1/68** (2006.01); **G01N 33/48** (2006.01)

CPC (source: EP)  
**C12Q 1/06** (2013.01); **C12Q 1/6806** (2013.01)

Citation (search report)  
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• [X] BARBESTI S ET AL: "TWO AND THREE-COLOR FLUORESCENCE FLOW CYTOMETRIC ANALYSIS OF IMMUNOIDENTIFIED VIABLE BACTERIA", CYTOMETRY, ALAN LISS, NEW YORK, US, vol. 40, no. 3, 1 July 2000 (2000-07-01), pages 214 - 218, XP009042629, ISSN: 0196-4763, DOI: 10.1002/1097-0320(20000701)40:3<214::AID-CYTO6>3.0.CO;2-M  
• [X] A. PIANETTI ET AL: "Determination of the Viability of Aeromonas hydrophila in Different Types of Water by Flow Cytometry, and Comparison with Classical Methods", APPLIED AND ENVIRONMENTAL MICROBIOLOGY, vol. 71, no. 12, 1 December 2005 (2005-12-01), US, pages 7948 - 7954, XP055223542, ISSN: 0099-2240, DOI: 10.1128/AEM.71.12.7948-7954.2005  
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Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
**WO 2013152203 A1 20131010**; AU 2013243378 A1 20141030; AU 2013243378 B2 20190411; CA 2869472 A1 20131010; CA 2869472 C 20170711; CN 104379760 A 20150225; CN 104379760 B 20180316; EP 2834367 A1 20150211; EP 2834367 A4 20160323; IN 8957DEN2014 A 20150522; JP 2015514403 A 20150521; JP 6401146 B2 20181003

DOCDB simple family (application)  
**US 2013035291 W 20130404**; AU 2013243378 A 20130404; CA 2869472 A 20130404; CN 201380029083 A 20130404; EP 13773119 A 20130404; IN 8957DEN2014 A 20141027; JP 2015504727 A 20130404