

Materials List for

# Extraction of Cofactor F<sub>420</sub> for Analysis of Polyglutamate Tail Length from Methanogenic Pure Cultures and Environmental Samples

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## Materials

Name	Company	Catalog Number	Comments
Autoclave			
Biocompatible HPLC system equipped with gradient modul, oven and fluorescence detector	Shimadzu		HPLC system
Centrifuge and rotor for 50 mL "Falcon" tubes (11.000 rcf) and appropriate tubes			
HPLC Column: Gemini NX C18, 5 µm, 150 x 3 mm	Phenomenex		HPLC column
PTFE filter (pore size 0.22 µm) to remove particulate matter prior HPLC analysis			
Resin for SPE: Strata-X-AW 33 µm as weak anion mixed-mode polymeric sorbent	Phenomenex		weak anion mixed-mode polymeric sorbent
Vacuum manifold for SPE and appropriate collection tubes			SPE equipment
Vortex mixer			