

Materials List for:

Application of an *In vitro* DNA Protection Assay to Visualize Stress Mediation Properties of the Dps Protein

Vlad O. Karas¹, Ilja Westerlaken¹, Anne S. Meyer¹

¹Department of Bionanoscience, Kavli Institute of Nanoscience, Delft University of Technology

Correspondence to: Anne S. Meyer at A.S.Meyer@tudelft.nl

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Materials

Name	Company	Catalog Number	Comments
BL21(DE3)pLysS competent cells	Promega	L1195	
pET-17b DNA	EMD-Millipore	69663-3	
LB broth powder	Sigma-Aldrich	L3022	
Ampicillin sodium salt	Sigma-Aldrich	A0166	
Chloramphenicol	Sigma-Aldrich	C0378	
IPTG	Sigma-Aldrich	I6758	
HEPES	BDH	441476L	
Potassium hydroxide	Merck	105033	
Sodium chloride	VWR	443824T	
EDTA	Sigma-Aldrich	E9884	
Protease Inhibitor Cocktail Set III	EMD-Millipore	539134	
DEAE-Sepharose	Sigma-Aldrich	DFF100	
Ammonium sulphate	Sigma-Aldrich	A4418	
PD-10 Desalting Columns	GE Healthcare LS	17-0851-01	
SP-Sepharose	Sigma-Aldrich	S1799	
Amicon Ultra Centr. Filter (10K MWCO)	Millipore	UFC901024	
Ferrous Sulphate heptahydrate	Sigma-Aldrich	F8048	
Hydrogen peroxide solution	Sigma-Aldrich	216763	
MOPS	Calbiochem	475898	
SDS solution	Bio-Rad	161-0418	
Ethidium bromide	Sigma-Aldrich	E1510	
Static incubator	Hettich	INE500	
Shaking Incubator	New Brunswick Sc.	Inova 44	
Cooled centrifuge	Beckman Coulter	Avanti J-E	
Table-top centrifuge	Eppendorf	5424	
Cell disrupter	Constant Systems Ltd.	TS2/40/AA/AA	
FPLC Purifier	General Electric	AKTA	
Airtight vials	Cole-Parmer	EW-08918-85	
Syringe needles	BD	305128	
Pipettes	Eppendorf	Z683779-1EA, Z683795-1EA	