

Materials List for:

Nucleocapsid Annealing-Mediated Electrophoresis (NAME) Assay Allows the Rapid Identification of HIV-1 Nucleocapsid Inhibitors

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Materials

Name	Company	Catalog Number	Comments
cTAR, 29-mer DNA oligo. Desalted. HPLC purified.	Metabion International AG		Store the stock solution at -20 °C
TAR, 29-mer RNA oligo. Desalted. HPLC purified.	Metabion International AG		Store the stock aliquot at -80 °C
(12-55)NC peptide	EspiKem srl		Store the stock solution at -20 °C
1.5 ml tubes	Eppendorf	0030 120 086	Autoclave before use
0.5 ml tubes	Eppendorf	0030 121 023	Autoclave before use
Biosphere Filter Tips 0.1-10 µl	Sarstedt	701,130,210	
Biosphere Filter Tips 2-20 µl	Sarstedt	70,760,213	
Biosphere Filter Tips 200 µl	Sarstedt	70,760,213	
Syringe Filter 0.22 µm	Biosigma srl	51,798	
Ethanol	Carlo Erba	414631	
Sodium Dodecyl Sulfate	Sigma-Aldrich	71725-50G	
Dimethyl Sulfoxide	Sigma-Aldrich	D8418-1L	
Sodium Chloride	Sigma-Aldrich	71376-1KG	
Boric Acid	Sigma-Aldrich	B0252-2.5KG	
Ethylenediaminetetraacetic Acid	Sigma-Aldrich	E5134-500G	
Magnesium Perchlorate	Sigma-Aldrich	222283-100G	Store the 1 M solution at -20 °C
Glycerol	Sigma-Aldrich	49770-1L	
Bromophenol Blue	GE Healthcare Life Sciences	17-1329-01	
<i>N,N,N',N'</i> -Tetramethylethylenediamine	Sigma-Aldrich	T9281-100ML	
Ammonium Persulfate	Sigma-Aldrich	A7460-500G	Prepare the 10% solution freshly before use
Acrylamide-bis ready-to-use solution 40% (19:1)	Merck Millipore	1006401000	Polyacrylamide is highly neurotoxic: wear gloves during the gel casting
Tris ultrapure	Applichem	A1086,1000	
DEPC-treated water	Ambion	AM9922	
Centrifuge 5415R	Eppendorf	22,621,408	
NanoDrop 1000 spectrometer	Thermo Scientific		
UV-VIS spectrometer Lambda 20	Perkin Elmer		
Protean II xi Cell	Bio-Rad	165-1803	
PowerPac Basic Power Supply	Bio-Rad	164-5050	

SybrGreen II RNA Gel Staining	Lonza	50523	Make the 1/10,000 dilution in TBE 1x. Store it in the dark at 4 °C for two weeks.
Geliance 600 Imaging System	Perkin Elmer		