

Native SDS PAGE Kit

Catalogue number: 153814

Sub-type:

Images:

Contributor

Inventor:

Institute: University of Wisconsin-Milwaukee

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Native SDS PAGE Kit

Alternate name:

Class:

Conjugate:

Description: There is a great need for a robust method that combines the electrophoretic resolution of proteins with retention of their functional behavior. The laboratory of Dr. David Petering has devised a new method of sodium dodecyl sulfate polyacrylamide gel electrophoresis (SDS-PAGE) in which proteins can be well separated during electrophoresis as well as maintain their native 3-dimensional conformations and functional activity. This native SDS-PAGE method will allow for important new experiments t...

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes: Can be performed using commercial pre-casted gels. Simple technique and requires only one buffer system. Can retain the functional activity of proteins tested. Can retain binding of protein complexes. The neutral pH of the NSDS buffer system has an advantage over the high pH Tri-glycine system for separation of the pH sensitive proteins.

Target details

Target:

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:

Application notes:

Handling

Format:

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions: RT

Shipping conditions: Dry Ice

Related tools

Related tools:

References

References: Lefrancois et al. 1982. Virology. 121(1):157-67. PMID: 18638751. ; The interaction of antibody with the major surface glycoprotein of vesicular stomatitis virus. I. Analysis of neutralizing epitopes with monoclonal antibodies.

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