



German Research Products - GRP GmbH

In der Stockwiese 26

D-85410 Haag/Amper, Germany

Email: info@grp-ak.de

Phone: +49 (0)8167 6335

Product Datasheet

**Der Blaue Jonas - Single-step Coomassie Blue protein
gel dye - HS Code 38220000 - Diagnostikreagenzien,
Laborreagenzien
GRP1**



German Research Products - GRP GmbH

In der Stockwiese 26
D-85410 Haag/Amper, Germany
Email: info@grp-ak.de
Phone: +49 (0)8167 6335

Description

1 x 1000 ml bottle

Product Code GRP1

Description

Der Blaue Jonas is a one-step protein gel dye that requires no pre- or post- gel treatment. Just run your protein gel, add the stain and watch your bands appear.

Storage

4°C

Shelf Life

1 year

Protocoll

Add enough stain to cover gel completely. Incubate at room temperature according to the times listed below for lowest detectable level in a protein band. Gently agitate if possible.

- 1) 1 ug or more 2 minutes
- 2) 100 ng to 1 ug 10 minutes
- 3) 10ng to 100ng 60 minutes

It is possible to decrease these times by inserting gel and stain into microwave for 20 seconds.

For maximum sensitivity follow staining by a 20 minute gentle agitation in dionized water.

Protocoll for Mass Spectrometry

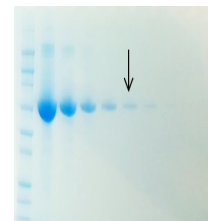
- 1) Cut out protein band and place in microfuge tube
- 2) Add 1 ml 30% ethanol or 30% acetone (30% acetic acid may be used but will result in acetylation of N-terminus).
- 3) Incubate for 30 minutes.
- 4) Repeat steps 2 and 3 until all stain removed from protein (typically 2 or 3 washes are required for complete stain removal)
- 5) Process as typical for mass spec analysis.

Storage

4 degrees Celsius. Shipment at RT.

Application Notes

for up to 150 mini-gels (ready to use)



Decreasing amounts of BSA were run on a 10% SDS-PAGE gel and stained with Der Blaue Jonas for 10 minutes. The arrow denotes the 100 ng BSA lane.