



German Research Products - GRP GmbH

In der Stockwiese 26

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## Product Datasheet

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



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### 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

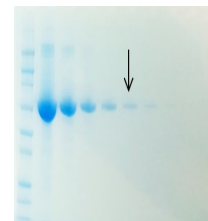
- 1) Cut out protein band and place in microfuge tube
- 2) Add 1 ml 30% ethanol or 30% acetone (30% acetic acid may be used but will result in acetylation of N-terminus).
- 3) Incubate for 30 minutes.
- 4) Repeat steps 2 and 3 until all stain removed from protein (typically 2 or 3 washes are required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