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Product Information

OVALBUMIN

Individual 2D Electrophoresis Marker

Product Number **O 4757**

Storage Temperature –70 °C

Product Description

Ovalbumin is a protein with an molecular weight of approximately 45 kDa and an isoelectric point (pI) of approximately 5.1. Each vial contains approximately 200 µl of protein solution with 8 M urea and 2% 2-mercaptoethanol.

Preparation Instructions

Gels to be stained with Coomassie Blue: Add 4 µl of the desired Pharmalyte or Ampholine to the marker vial for a final ampholyte concentration of 2% (v/v). Vortex until the contents of the vial are completely mixed. Aliquot the unused portion and freeze at –70 °C.

Gels to be silver stained: Dilute the marker 10-fold with sample buffer (sample buffer is prepared by mixing 800 µl of a 10 M urea solution, 20 µl of Triton X-100,

50 µl of Ampholine or Pharmalyte, and 50 µl of β-mercaptoethanol). Vortex until the contents of the vial are completely mixed. Aliquot the unused portion and freeze at –70 °C.

Storage/Stability

It is recommended to store the product at –70 °C. Repeated freezing and thawing is **not** recommended.

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MAM/KMR 02/02

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