

Heparinase II

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| Catalogue no: | HEP-ENZ II |
| Unit of Activity: | 1 umol per minute at 25°C using commercial porcine heparin as substrate. Activity determined by increase in reducing power. |
| Specificity: | Depolymerises heparin and heparan sulphate by elimination at the uronic acid. Very broad specificity, a small but significant number of totally resistant sites in both heparin and heparan sulphate. |
| Quantity: | 0.1, 0.25, 0.5, 1.0, and 2.0 IU |
| Appearance: | Supplied as frozen solution containing 0.2% BSA, 0.22um sterile filtered. |
| Origin: | <i>Flavobacterium heparinum</i> ATCC 13125 |
| Manufacturing Process and Refs: | Growth of bacterium: McLean, M.W. <i>et al.</i> (1984) <i>Eur. J. Biochem.</i> 145, 607-615. Purification by further chromatography. Final product 0.22-um sterile filtered and stored at -60°C. |
| Impurities: | Other enzymes nominally 0.1% max. Baseline resolution from the other heparinases. |
| Toxicity and Hazards: | We are not aware of any toxicity associated with this product. In common with good laboratory practice the material should only be handled by qualified personnel trained in laboratory procedures and familiar with potential hazards. These products are not intended for human consumption, drug use or any form of human experimentation. |
| Applications: | Biological, biochemical and biophysical laboratory research |
| Storage: | Store frozen at -80 degrees Celsius upon receipt. Avoid repeated freeze-thawing. Stock solutions should be prepared in appropriate aliquots and stored frozen at -80 degrees Celsius |
| Warranties: | Iduron warrants that its products shall conform to the description of such products as provided in Iduron's catalogue. This warranty is exclusive, and seller makes no other warranty, expressed or implied, including any implied warranty of merchantability or fitness for any particular purpose. See 'terms and conditions' for further warranty information. |