

Biochemicals

SERVICE FEATURES AND BENEFITS

Fisher Biotec offers a comprehensive range of quality products at competitive prices and specialises in the manufacture and distribution of leading-edge products for Molecular Biology, Genomics, and Proteomics research.

Our management system has been certified to JAS-ANZ ISO 9001:2008 for the sale and supply of equipment and consumables to the pharmaceutical and laboratory health care industry.

INFORMATION

For more information on any of our products or services please visit us on the Web at:

www.fisherbiotec.com

CONTACT US

Freecall 1800 066 077 or

email: info@fisherbiotec.com



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Isopropyl-beta-D-Thiogalactopyranoside (IPTG)

IPTG is a non-metabolizable galactose analog that induces expression of the lac operon in E.coli. IPTG functions by binding to the lac I repressor and altering its confirmation preventing the repression of the b-galactosidase coding gene lac Z.

IPTG is a commonly used reagent in cloning procedures that require introduction of b-galactidase activity and is used in conjunction with X-Gal in blue-white selection of recombinant bacterial colonies.

(IPTG is dioxane free)

Catalog No.	Pack Size
1758-1400-1	1 gm
1758-1400-5	5 gms
1758-1400-10	10 gms

5-Bromo-4-chloro-3-indolyl b-D-galactopyranoside (X-Gal)

X-Gal is a chromogenic substrate for b-galactosidase that produces a blue that can easily be detected visually over background. X-Gal is the substrate of choice for blue-white selection of recombinant bacterial colonies with the lac genotype.

Catalog No.	Pack Size
1758-0300-500	500 mg
1758-0300-1	1 gms
1758-0300-5	5 gms
1758-0300-10	10 gms

Dithiotreitol (DTT, Clelands Reagent)

DTT or Clelands Reagent reduces disulfides to their corresponding thiols. It is used at low concentrations to stabilize enzymes containing free sulphhydryl groups. Higher concentrations of DTT are used to cleave disulphide linkages in polypeptides and to facilitate protein denaturation by detergents or chaotropic agents.

Catalog No.	Pack Size
1758-9030-5	5 gms
1758-9030-10	10 gms
1758-9030-25	25 gms



Quality
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5-Bromo-4-Chloro-3-Indolyl-beta-D-Glucoronide Cyclohexyl-ammonium salt (X-Glucuro-CHA salt)

Chromogenic substrate for b-glucuronidase (GUS) gene detection.

Catalog No.	Pack Size
1758-0600-500	500 mg
1758-0600-01	1 gm
1758-0600-5	5 gms
1758-0600-10	10 gms

4-Methylumbelliferyl-beta-D-Glucuronide (MUG)

MUG is a substrate for the fluorometric assay of b-D-glucuronidase.

Catalog No.	Pack Size
1758-1630-1	1 gm



Quality
ISO 9001
SAI GLOBAL