



Fisher Biotec Biochemicals



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For all your life science requirements

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

IPTG (Isopropyl-beta-D-Thiogalactopyranoside)

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

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

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
1758-0300-05	500 mg
1758-0300-1	1 gms
1758-0300-5	5 gms
1758-0300-10	10 gms

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