



6X Gel Loading Dye

Catalog#: 19-123

Packaging Size: 3 x 1.25ml

Concentration:

15% w/v Ficoll 400, 0.06% w/v Bromophenol blue, 0.06% w/v Xylene cyanol FF, 30mM EDTA.

Shipping:

Apex custom DNA ladders and Loading dye are shipped at ambient temperature.

Storage:

Apex Loading Dye should be stored at 4°C.

Stability:

Apex custom DNA ladders and loading dye may be kept safely at room temp. for at least 3 months. Ladders are guaranteed for 12 months from date of shipment when stored at 4°C.

General Description

Apex 6X Loading Dye is a Type II loading buffer (modified). Used with Apex brand DNA molecular weight markers and Apex DNA ladders.

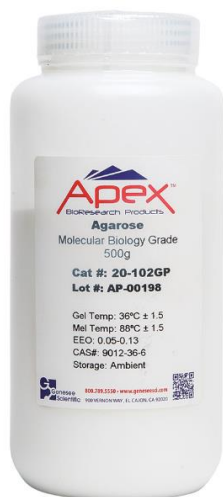
Suggestion for use:

The 6X gel loading buffer produces a final 5mM EDTA, and can be substituted for the 20mM EDTA used to stop restriction digests, PCR, and other reactions before electrophoresis. For example, prepare a reaction sample for electrophoresis by adding 1.0µl 6X loading buffer to up to 5µl sample reaction (add distilled water to 6µl if your sample is <5µl).

Related Products

Description	Cat. No.
Taq DNA Polymerase, 500 Units (5U/ul) with 10X Standard and Ammonium Reaction Buffer 1 x 500u/Unit	42-800B1
Taq DNA Polymerase, 500 Units (5U/ul) with 10X Combination Buffer 2 x 500u/Unit	42-800B3
Taq DNA Polymerase, 500 Units (5U/ul) Glycerol Free 10 x 500u/Unit	42-800B4
Taq DNA Polymerase Master Mix, 2.0X 1.5mM MgCl ₂ (Final Concentration) 100 Reactions/Unit	42-131
dNTP Set, 4x25μmol (100mM) 4 x 250μl/Unit	42-410
dNTP Set, 4x100μmol (100mM) 4 x 1ml/Unit	42-403
dNTP Set, 4x500μmol (100mM) 20 x 1ml/Unit	42-404
dNTP Mix, 20μmol (40mM) 1 x 500μl/Unit	42-411
dNTP Mix, 200μmol (100mM) 2 x 1ml/Unit	42-405
dNTP Mix, 100μmol (10mM) 10 x 1ml/Unit	42-406
dNTP Mix, 100μmol (40mM) 5 x 500μl/Unit	42-407
Apex 100bp-Low DNA Ladder, 250 Applications	19-109
Apex 1 Kb DNA Ladder, 333 Applications	19-115
Apex 200bp DNA Ladder, 200 Applications	19-111

Apex General Purpose Agarose



Apex AGAROSE guarantee

- Low EEO (=0.12) - This means biological macromolecules such as proteins or nucleic acids as well as larger particles such as viruses and subcellular fragments can migrate through the gel network virtually interference free due to the gel's neutral properties.
- Sharp, finely resolved banding resolution as well as excellent transparency for easy reading.
- Extraordinarily low gel background after applying staining agents.
- Superior mechanical resistance for more reliable and easier handling.



Concentration: 0.625mg/ml

EtBr Dropper Bottle - Adding and removing Ethidium Bromide has never been easier! For the recommended final concentration of 0.5ug/ml, simply add one drop for every 50ml of solution.



EtBr Destaining Bags - Efficiently remove Ethidium Bromide from solutions and gels for safe and easy disposal. Now, with our NEW activation solution (included) our destaining bags demonstrate increased absorption efficiency speed relative to other similar products. Simply Add ~5ml of activation solution to the bag prior to use. For comparison data and absorption kinetics, please visit us online today at www.geneseesci.com/etbrproducts.

Description	Cat. No.
Apex TAE 25X Buffer, 1.6L Ultra Pure	20-195
Apex TBE Buffer 10X Concentrate, 4L	20-196
Apex EtBr Dropper Bottle, 10ml, 0.625mg/ml	20-276
Apex General Purpose Agarose, 100g	20-101
Apex General Purpose Agarose, 500g	20-102
Apex Super Resolution Agarose, 100g	20-106
Apex Super Fine Resolution Agarose, 100g	20-239
Apex Low Melt Agarose, 100g	20-104
Apex Low Melt Sieve Agarose, 100g	20-245

Three options to access your contract prices:

- 1) Visit www.geneseesci.com and click on "Account Setup". Fill out your member information and your account will be activated within hours.
- 2) Email us at support@geneseesci.com or call 1-800-789-5550 with your name, institution, and email address. We will email you your discount prices.
- 3) Call us at 1-800-789-5550 and ask for an Account Representative to contact you.

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