

Media, PhastGel



NEW

GE

- Select from homogeneous and gradient polyacrylamide gels
- Separates proteins and peptides on denaturing, native, and isoelectric focusing gels
- Saves time and improve reproducibility with precast gels, buffer strips, and staining kits
- Achieves detection sensitivity comparable to that of radioisotopes with ready-to-use silver staining kits

PhastGel media are polyacrylamide gels, 43mm x 50mm x 0.45mm (w x l x t), on a polyester film backing. With a wide variety of gel formulations available, the small format has proven flexibility, documented by dozens of application notes and hundreds of published references. A dedicated PhastGel kit is available for detection of oligoclonal IgG in unconcentrated cerebrospinal fluid, CSF analysis kit includes gels and reagents for 40 analyses.

PhastGel Blue R

PhastGel Blue R tablets are a readily soluble, pre-measured means of preparing Coomassie Blue R-350 solutions. PhastGel Blue R-350 is more sensitive than the commercially available R-150 and R-250 forms and can detect most proteins at 50 to 100 ng/band. One tablet makes 400mL of a 0.1% staining solution.

Silver staining kit, protein

Can be used for rapid, sensitive, reproducible staining of proteins in polyacrylamide gels including PhastGel media using the PhastSystem development unit.

PhastGel DNA Silver staining kit

Supplies the reagents required to detect as little as 20pg DNA per band using PhastSystem development unit. After only 30 minutes developing time, the stained gel can be dried for photography or storage. Dried silver stained DNA gels also constitute an archive from which bands can be cut out and amplified.

Reference:

Heukeshoven, J. and Dernick, R. Electrophoresis 6, 103 (1985).

Catalogue No	Description	Quantity
GZ17159901	PhastGel buffer strips, DNA	10 pairs
GZ17051601	PhastGel buffer strips, SDS	10 pairs
GZ17051701	PhastGel buffer strips, native	10 pairs

Catalogue No	Description	Pack qty
GZ17067801	PhastGel gradient, 4 to 15	10
GZ17054001	PhastGel gradient, 10 to 15	10
GZ17054201	PhastGel gradient, 8 to 25	10

Catalogue No	Description	Pack qty
GZ17062201	PhastGel homogeneous, 7.5	10
GZ17062301	PhastGel homogeneous, 12.5	10
GZ17062401	PhastGel homogeneous, 20	10
GZ17067901	PhastGel homogeneous, high density	10

Catalogue No	Description	Pack qty
GZ17054301	PhastGel IEF, 3 to 9	10
GZ17054401	PhastGel IEF, 4 to 6.5	10
GZ17054501	PhastGel IEF, 5 to 8	10
GZ17067701	PhastGel dry IEF	10
GZ18100101	PhastGel cassette	1

Application kit

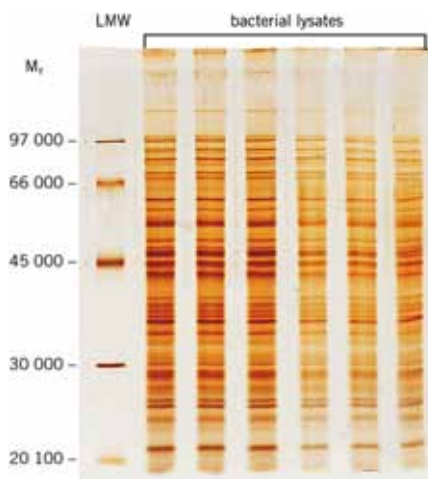
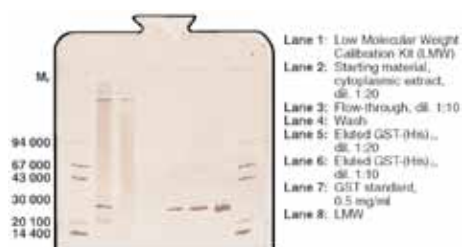
Catalogue No	Description
GZ18103914	CSF analysis kit

PhastGel staining kits

Catalogue No	Description	Quantity
GZ17051801	PlusOne Coomassie tablets, PhastGel Blue R-350	40 tablets
GZ17115001	PlusOne silver staining kit, protein	Kit
GZ17159601	PhastGel DNA Silver staining kit	Kit

PhastGel sample applicators

Catalogue No	Description	Pack qty
GZ18161401	PhastGel sample applicators, 12 x 0.3µL	50
GZ18161701	PhastGel sample applicators, 8 x 0.5µL	50
GZ18161801	PhastGel sample applicators, 8 x 1µL	50
GZ18001229	PhastGel sample applicators, 6 x 4µL	50
GZ18009701	Sample well stamp	1



An *E. coli* extract was separated on a vertical SDS-polyacrylamide gel (10% T, 2.7% C, 1mm thick), and the gel was stained using PlusOne™ Silver staining kit, protein and Processor Plus™. LMW = LMW marker kit 17-0615-01.