GelGreen®
Agarose Tabs™
with TBE buffer

Cat. No	Pack Size
RG-1500-10	1x15 pcs

Lot No:
Exp. Date:

Description:
GelGreen® Agarose Tabs™ with TBE buffer contain everything necessary to prepare agarose gels in any desired percentage, and for the visualization of nucleic acids under blue light (~460-480 nm). GelGreen® Agarose Tabs™ are optimized to yield high resolution of sharp DNA bands with high sensitivity and low background within a 1% to 3% range of agarose concentrations.

Each GelGreen® Agarose Tabs™ with TBE buffer contains:
- Agarose (0.4 g)
- TBE powder
- GelGreen® DNA Stain

Storage:
- Store at RT, protected from light.

Applications:
- Ideal for routine DNA and RNA gel electrophoresis and blotting assays
- Convenient tablet format—no messy weighing required
- Fast dissolving
- Direct visualization of nucleic acids under blue light (~460-480 nm)

Specifications:
- Melting point: 88 ± 1,5 °C
- Separation range: 100 bp to >30 kb
- Product size: 15 tablets (0.4 g agarose each) in a convenient blister pack.

Protocol:
Soak the tablet or tablets in room temperature distilled **water** for 1-3 minutes (or until dissolved) in a container with at least 250 ml capacity. Swirl until dissolved.
Do **NOT** use hot water for dissolving the tablet
Do **NOT** add any buffer for dissolving the tablet

Add an appropriate number of **GelGreen® Agarose Tabs™** with TBE in the water. See the table below to achieve desired gel concentration.

Gel %	Per **GelGreen® Agarose Tab™**	Yield (no. of gels)
1.0%	40 ml distilled water	2 blueGel gels 1 Gelato large gel
1.5%	30 ml distilled water	2 blueGel gels 1 Gelato large gel
2.0%	20 ml distilled water	1 blueGel gel 1 Gelato small gel

Heat the solution until it is clear and all particles are dissolved (typically 30-40 seconds per 20 ml gel in a high-power microwave). Cool the gel to 60-70ºC

DO NOT add any DNA stain! Cast into the gel tray.

Run the gel in 1X TBE buffer.

Safety:
Caution when using hot, viscous solutions! Use suitable safety gear.

GelGreen® is a highly sensitive fluorescent stain for detecting nucleic acids in agarose gels. **GelGreen®** is non-mutagenic, non-toxic, and a safe alternative to ethidium bromide, compatible with Gelato™ and blueGel™ electrophoresis, blueBox™, and other blue-light transilluminators (460-470 nm). Detailed safety information for GelGreen® is available at www.biotium.com

miniPCR bio™
1770 Massachusetts Avenue,
Suite 167 Cambridge MA 02140, USA
support@minipcr.com; www.minipcr.com

GelGreen®
Agarose Tabs™
with TBE buffer

Cat. No | Pack Size
RG-1500-10 | 1x15 pcs

Lot No:
Exp. Date:

Description:
GelGreen® Agarose Tabs™ with TBE buffer contain everything necessary to prepare agarose gels in any desired percentage, and for the visualization of nucleic acids under blue light (~460-480 nm). GelGreen® Agarose Tabs™ are optimized to yield high resolution of sharp DNA bands with high sensitivity and low background within a 1% to 3% range of agarose concentrations.

Each GelGreen® Agarose Tabs™ with TBE buffer contains:
- Agarose (0.4 g)
- TBE powder
- GelGreen® DNA Stain

Storage:
- Store at RT, protected from light.

Applications:
- Ideal for routine DNA and RNA gel electrophoresis and blotting assays
- Convenient tablet format—no messy weighing required
- Fast dissolving
- Direct visualization of nucleic acids under blue light (~460-480 nm)

Specifications:
- Melting point: 88 ± 1,5 °C
- Separation range: 100 bp to >30 kb
- Product size: 15 tablets (0.4 g agarose each) in a convenient blister pack.

Protocol:
Soak the tablet or tablets in room temperature distilled water for 1-3 minutes (or until dissolved) in a container with at least 250 ml capacity. Swirl until dissolved.
Do NOT use hot water for dissolving the tablet
Do NOT add any buffer for dissolving the tablet

Add an appropriate number of GelGreen® Agarose Tabs™ with TBE in the water. See the table below to achieve desired gel concentration.

Gel % | Per GelGreen® Agarose Tab™ | Yield (no. of gels)
1.0% | 40 ml distilled water | 2 blueGel gels, 1 Gelato large gel
1.5% | 30 ml distilled water | 2 blueGel gels, 1 Gelato large gel
2.0% | 20 ml distilled water | 1 blueGel gel, 1 Gelato small gel

Heat the solution until it is clear and all particles are dissolved (typically 30-40 seconds per 20 ml gel in a high-power microwave). Cool the gel to 60-70ºC

DO NOT add any DNA stain! Cast into the gel tray.

Run the gel in 1X TBE buffer.

Safety:
Caution when using hot, viscous solutions! Use suitable safety gear.

GelGreen® is a highly sensitive fluorescent stain for detecting nucleic acids in agarose gels. GelGreen® is non-mutagenic, non-toxic, and a safe alternative to ethidium bromide, compatible with Gelato™ and blueGel™ electrophoresis, blueBox™, and other blue-light transilluminators (460-470 nm). Detailed safety information for GelGreen® is available at www.biotium.com

miniPCR bio™
1770 Massachusetts Avenue,
Suite 167 Cambridge MA 02140, USA
support@minipcr.com; www.minipcr.com