

GREYHOUND

Gel size: 15 (w) x 5, 10, 15, 20#, 25 (l) cm

For DNA and protein separation

GREYHOUND-R

Gel size: 15 (w) x 5, 10, 15, 20#, 25 (l) cm

For RNA, DNA and protein separation

System has higher resistance to cleaning agents

GREYHOUND-RC

Gel size: 15 (w) x 5, 10, 15, 20#, 25 (l) cm

For RNA, DNA and protein separation

System has higher resistance to cleaning agents with ports for cooling and buffer solution



Greyhound

GREYHOUND-Mini

Gel size: 15 (w) x 5, 10# (l) cm

For RNA, DNA and protein separation

- ✓ UV-transparent tray with gel gripping design
- ✓ Uni-directional migration
- ✓ Comb with teeth spacing compatible with multi-channel micropipettes available

- ✓ No. of samples (standard): [1-45] x 11 combs
- ✓ No. of samples (mini): [1-45] x 4 combs
- ✓ Buffer requirement: 1000 mL (standard), 800 mL (mini)

#gel size with ready to use system

Features of this apparatus

Leak-Proof

- Buffer does not leak through plastic joints as bonding is done with special glues manufactured in-house
- Crazeing of plastic minimized as high quality plastic tolerates short exposure to cleaning reagents used in RNA analysis

Rugged

- Electrodes do not break as they are thick and platinum is >99.9% pure
- No electrolytic corrosion of male connector as base is resin filled
- Metal screws on comb-stands that do not break with extensive usage

Error Minimization

- Wells do not break as comb-stand will not move sideways during comb removal
- Samples migrate correctly due to uni-directional migration feature & colour coding
- Sample migration is straight as combstand & tray are aligned & locked in place

Sensitivity & Resolution

- UV-transparent tray has more than 95% UV transparency and gives enhanced sensitivity of DNA detection
- Improved band resolution as wells can be cast near the starting edge for longer running length

Economical

- Run greater number of samples using two/ four combs per tray
- Can be run higher at higher voltages for quicker runs and hence faster turn-around time
- Saves reagent & operator cost as leakage and errors are prevented

Ready-to-use system includes

	09-00202 For DNA & protein	09-00205 For DNA, RNA & protein	09-00206 For DNA, RNA & protein with cooling	09-00203 For DNA, RNA & protein
1. Tank with electrodes and male connectors mounted at an angle	Y	Y	Y	Y
2. UV-transparent tray with gel gripping design, 15 (w) x 20 (l) cm	Y	Y	Y	-
3. UV-transparent tray with gel gripping design, 15 (w) x 10 (l) cm	-	-	-	Y
4. Comb stand with positioning pins and metal screws for adjusting comb height	Y	Y	Y	Y
5. PMMA comb (24 wells, 1.5 mm thick)	Y	Y	Y	Y
6. Gel slicer	Y	Y	Y	Y
7. Niche cleaner	Y	Y	Y	Y
8. Lid	Y	Y	Y	Y
9. Electrical cords with male & female connectors designed for user safety (one pair)	Y	Y	Y	Y
10. Instruction manual	Y	Y	Y	Y

Ordering description

Greyhound (09-00202): Horizontal apparatus for DNA and protein separations with gel gripping UV-transparent tray, male connectors mounted at an angle, and uni-directional migration, gel size 15 (w) x 20 (l) cm.

Greyhound-R (09-00205): Horizontal apparatus for nucleic acid and protein separations: fabricated to tolerate cleaning reagents used in RNA analysis, with gel gripping UV-transparent tray, male connectors mounted at an angle and uni-directional migration, gel size 15(w) x 20 (l) cm.

Greyhound-RC (09-00206): Horizontal apparatus for nucleic acid and protein separations: fabricated to tolerate cleaning reagents used in RNA analysis, with gel gripping UV-transparent tray, male connectors mounted at an angle and uni-directional migration, ports for cooling and buffer circulation, gel size 15(w) x 20 (l) cm.

Greyhound-Mini (09-00203): Horizontal apparatus for nucleic acid and protein separations: fabricated to tolerate cleaning reagents used in RNA analysis, with gel gripping UV-transparent tray, male connectors mounted at an angle, and uni-directional migration, gel size 15 (w) x 10 (l) cm.

SUGGESTION

Order along with ready-to-use system

Extra comb stands (09-07171),
Gel-casting chamber (09-25252),
Extra combs & Extra Trays

Greyhound and its spares and accessories

Item Description	Cat. No.	Unit
Greyhound, ready-to-use system	09-00202	System
Greyhound-R, ready-to-use system	09-00205	System
Greyhound-RC, ready-to-use system	09-00206	System
Greyhound-Mini, ready-to-use system	09-00203	System
UV-opaque tray [gel size 15 (w) x 5 (l) cm]	09-02051	Piece
UV-transparent tray of gel gripping design [gel size 15 (w) x 5 (l) cm]	09-02052	Piece
UV-opaque tray [gel size 15 (w) x 10 (l)]	09-02101	Piece
UV-transparent tray of gel gripping design [gel size 15 (w) x 10 (l)]	09-02102	Piece
UV-opaque tray [gel size 15 (w) x 15 (l) cm]	09-02151	Piece
UV-transparent tray of gel gripping design [gel size 15 (w) x 15 (l) cm]	09-02152	Piece
UV-opaque tray [gel size 15 (w) x 20 (l) cm]	09-02201	Piece
UV-transparent tray of gel gripping design [gel size 15 (w) x 20 (l) cm]	09-02202	Piece
UV-opaque tray [size 15 (w) x 25 (l) cm]gel	09-02251	Piece
UV-transparent tray of gel gripping design [gel size 15 (w) x 25 (l) cm]	09-02252	Piece
UV-opaque tray [size 15 (w) x 22 (l) cm stringed at 2.5 cm intervals] and replacement lid for paper electrophoresis	09-02223	Set
Comb stand with positioning pins and metal screws for adjusting comb height	09-07171	Piece
Comb 1 mm thick , PMMA, 12 wells/ 148 mm	09-09121	Piece
Comb 1.5 mm thick , PMMA, 12 wells/ 148 mm	09-09122	Piece
Comb 2 mm thick , PMMA, 12 wells/ 148 mm	09-09123	Piece
Comb 1 mm thick ,multichannel pipette compatible, PMMA, 17 wells/ 148 mm	09-09171	Piece
Comb 1.5 mm thick ,multichannel pipette compatible, PMMA, 17 wells/ 148 mm	09-09172	Piece
Comb 2 mm thick ,multichannel pipette compatible, PMMA, 17 wells/ 148 mm	09-09173	Piece
Comb 1 mm thick , PMMA, 24 wells/ 148 mm	09-09241	Piece
Comb 1.5 mm thick , PMMA, 24 wells/ 148 mm	09-09242	Piece
Comb 2 mm thick , PMMA, 24 wells/ 148 mm	09-09243	Piece
Comb 1 mm thick , PMMA, 28 wells/ 148 mm	09-09281	Piece
Comb 1.5 mm thick , PMMA, 28 wells/ 148 mm	09-09282	Piece
Comb 2 mm thick , PMMA, 28 wells/ 148 mm	09-09283	Piece
Comb 1 mm thick ,multichannel pipette compatible, PMMA, 33 wells/ 148 mm	09-09331	Piece

Item Description	Cat. No.	Unit
Comb 1.5 mm thick ,multichannel pipette compatible, PMMA, 33 wells/ 148 mm	09-09332	Piece
Comb 2 mm thick ,multichannel pipette compatible, PMMA, 33 wells/ 148 mm	09-09333	Piece
Comb 1 mm thick , PMMA, 36 wells/ 148 mm	09-09361	Piece
Comb 1.5 mm thick , PMMA, 36 wells/ 148 mm	09-09362	Piece
Comb 2 mm thick , PMMA, 36 wells/ 148 mm	09-09363	Piece
Comb 1 mm thick , PMMA, 45 wells/ 148 mm	09-09451	Piece
Comb 1.5 mm thick , PMMA, 45 wells/ 148 mm	09-09452	Piece
Comb 2 mm thick , PMMA, 45 wells/ 148 mm	09-09453	Piece
Comb, preparative 2 mm thick, PMMA, 1 + 1 wells/ 148 mm	09-PS101	Piece
Comb, preparative 2 mm thick, PMMA, 1 + 2 wells, ladder in the centre/ 148 mm	09-PM102	Piece
Comb, preparative 2 mm thick, PMMA, 1 + 2 wells, ladder at the end/ 148 mm	09-PS102	Piece
Comb, preparative 2 mm thick, PMMA, 2 + 2 wells, ladder at both the ends/ 148 mm	09-PS202	Piece
Comb, preparative 2 mm thick, PMMA, 1 + 4 wells, ladder in the centre/ 148 mm	09-PM104	Piece
Comb, preparative 2 mm thick, PMMA, 1 + 4 wells, ladder at the end/ 148 mm	09-PS104	Piece
Comb, preparative 2 mm thick, PMMA, 2 + 4 wells, ladder at both the ends/ 148 mm	09-PS204	Piece
Comb, preparative 2 mm thick, PMMA, 1 + 6 wells, ladder in the centre/ 148 mm	09-PM106	Piece
Comb, preparative 2 mm thick, PMMA, 1 + 6 wells, ladder at the end/ 148 mm	09-PS106	Piece
Comb, preparative 2 mm thick, PMMA, 2 + 6 wells, ladder at both the ends/ 148 mm	09-PS206	Piece
Comb, preparative 2 mm thick, PMMA, 1 + 8 wells, ladder in the centre/ 148 mm	09-PM108	Piece
Comb, preparative 2 mm thick, PMMA, 1 + 8 wells, ladder at the end/ 148 mm	09-PS108	Piece
Comb, preparative 2 mm thick, PMMA, 2 + 8 wells, ladder at both the ends/ 148 mm	09-PS208	Piece
Comb, preparative 2 mm thick, PMMA, 1 + 10 wells, ladder in the centre/ 148 mm	09-PM110	Piece
Comb, preparative 2 mm thick, PMMA, 1 + 10 wells, ladder at the end/ 148 mm	09-PS110	Piece
Comb, preparative 2 mm thick, PMMA, 2 + 10 wells, ladder at both the ends/ 148 mm	09-PS210	Piece
Gel casting chamber for tray 15 cm (w) and varying length up to 25 cm	09-25252	Piece
Screws for gel casting chamber (2 No.)	09-26088	Packet
Gel slicer, breakage resistant, 14.5 (w) x 25 (l) cm	63-05250	Piece
Niche cleaner	64-06075	Piece
Electrical cords with male & female connectors designed for user safety	66-40124	Pair
Penta-legged levelling table (28 x 45 cm) with spirit-level	69-41459	Set
Greyhound tank. Replacement part for horizontal apparatus for DNA and protein separations	09-01202	Piece
Greyhound-R tank. Replacement part for horizontal apparatus for nucleic acid and protein separations, fabricate to tolerate cleaning reagents used in RNA analysis	09-01205	Piece
Greyhound-RC tank. Replacements part for horizontal apparatus for nucleic acid and protein separations, fabricate to tolerate cleaning reagents used in RNA analysis, with ports for buffer circulation and cooling of gel for fast electrophoresis	09-01206	Piece
Greyhound-mini tank. Replacement part for horizontal apparatus for DNA and protein separations	09-01203	Piece
Greyhound lid. Replacement part for horizontal apparatus for DNA and protein separation	09-15200	Piece
Greyhound-mini lid. Replacement part for horizontal apparatus for DNA and protein separation	09-15201	Piece