

MICROBLOT

Single cassette

MICROBLOT-T

Dual cassette



Microblot

- ✓ **Gel Size: 8 (w) x 6 (l) cm**
- ✓ **For western blotting**
- ✓ **Uni-directional insertable cassettes and electrode plates**
- ✓ **Uni-directional migration**
- ✓ **Transfer multiple gels at a time**
- ✓ **Buffer capacity: Microblot - 450 mL**
Microblot-T - 700 mL

Features of this apparatus

Efficiency of Transfer

- Hi-fidelity of transfer as large open surface area of cassette allows unhindered passage of current
- Short transfer times as low resistance to passage of current due to cassette frame design and sponge quality

Rugged

- No buffer leakage through plastic joints as bonding is done with special glues
- 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

Error Minimization

- Samples do not migrate in the wrong direction due to uni-directional migration feature
- Wrong assembly of gel sandwich deterred, as engraved markings and unidirectional insertion prevent mistakes

Economical

- Less buffer required
- Short run times as better efficiency of transfer current
- No cold room required as it can be run in the refrigerator due to its small footprint
- Saves reagent & operator cost as leakage and errors are prevented

Ready-to-use system includes

1. Tank
2. Lid
3. Gel & membrane holding cassette with guide pins, stoppers and locking nuts insertable in only one manner
4. Sponge pads
5. Cathode plate insertable in only one manner, with electrodes for uni-directional migration, 4 mm male connectors
Anode plate insertable in only one manner, with electrodes for uni-directional migration, 4 mm male connectors
6. Electrical cords with male (4 mm) and female (4 mm) connectors designed for user safety
7. Instruction manual

	Microblot	Microblot-T
	15-00000	15-00001
	1 pcs.	1 pcs.
	1 pcs.	1 pcs.
	1 set	2 sets
	2 pcs.	4 pcs.
	1 pcs.	1 pcs.
	1 pcs.	1 pcs.
	1 pair	1 pair
	1 pcs.	1 pcs.

Ordering description

Microblot (15-00000): Single cassette western blotting system, can accommodate two gels (gel size 8 (w) x 6 (l) cm), with uni-directional migration and constructed for cassette and electrode plate insertion in the correct direction only.

Microblot-T (15-00001): Dual cassette western blotting system, can accommodate four gels (gel size 8 (w) x 6 (l) cm), with uni-directional migration and constructed for cassette and electrode plate insertion in the correct direction only.

Microblot and its spares and accessories

Item Description	Cat. No.	Unit
Microblot, ready-to-use system	15-00000	System
Microblot-T, ready-to-use system	15-00001	System
Cathode and anode plates with male connectors (4 mm), uni-directional insertion and migration feature	15-03084	Set
Cathode and anode plates with male connectors (2 mm), uni-directional insertion and migration feature	15-03083	Discontinued
Gel membrane-holding cassette for transfer of <i>anions</i> with guide-pins, stoppers and locking-nuts	15-08504	Set
Sponge pads (four)	15-10095	Packet
Guide pins with stoppers and locking nuts (four of each)	15-21304	Packet
Electrical cords with female (4 mm) & male (4 mm) connectors designed for user safety	66-40124	Pair
Electrical cords with female (2 mm) & male connectors designed for user safety	66-40122	Discontinued
Mircoblot tank. Replacement part for single cassette western blotting system.	15-01000	Piece
Mircoblot-T tank. Replacement part for dual cassette western blotting system.	15-01001	Piece