

ULTRON ES-BSA

■ Characteristics

- ① ULTRON ES-BSA is bovine serum albumin immobilized column for enantiomer separation.
- ② ULTRON ES-BSA is performed an excellent enantiomer separation for acidic compounds such as arylpropionic acid drugs.
- ③ The sample preparation for optical isomer separation is not necessary.
- ④ Aqueous mobile phase can be used in the separation.
- ⑤ A trace analysis can be performed (ng level) .

■ Applications

•Pharmaceutical compounds, Pesticides and Organic compounds

Column	Particle Size (μm)	Column Size Length × Inner Diameter (mm)
ULTRON ES-BSA (for Analytical)	7	150 × 4.6
ULTRON ES-BSA.G (Guard Column)		10 × 4.0

ULTRON ES-CD

ULTRON ES-PhCD

ULTRON ES-CD and ULTRON ES-PhCD are enantiomeric separation columns chemically bonded with β-cyclodextrin (CD) and phenylcarbamated β-cyclodextrin (PhCD), respectively.

■ Characteristics

- ① ULTRON ES-CD and ULTRON ES-PhCD are effective for the enantiomeric separation of hydrophobic cyclic compounds.
- ② Mobile phase of both reverse-phase and normal-phase modes can be used for the separation.
- ③ A wide range of enantiomeric compounds can be separated with ULTRON ES-CD or ULTRON ES-PhCD.
- ④ The columns show excellent stability and durability.

■ Applications

•Pharmaceutical compounds, Pesticides and Organic compounds

Column	Particle Size (μm)	Column Size Length × Inner Diameter (mm)
ULTRON ES-CD (Narrow Bore)	5	150 × 2.0
ULTRON ES-CD (for Analytical)		150 × 6.0
ULTRON ES-CD.G (Guard Column)		10 × 4.0
ULTRON ES-CD (Two Guard Cartridges)		5 × 2.0
ULTRON ES-CD (Two Guard Cartridges)		10 × 4.6
Holder for Guard Cartridge (with Adaptor)		For 5 × 2.0 mm column
Holder for Guard Cartridge (with Adaptor)	For 10 × 4.6 mm column	
ULTRON ES-PhCD (Narrow Bore)	5	150 × 2.0
ULTRON ES-PhCD (for Analytical)		150 × 6.0
ULTRON ES-PhCD.G (Guard Column)		10 × 4.0
ULTRON ES-PhCD (Two Guard Cartridges)		5 × 2.0
ULTRON ES-PhCD (Two Guard Cartridges)		10 × 4.6
Holder for Guard Cartridge (with Adaptor)		For 5 × 2.0 mm column
Holder for Guard Cartridge (with Adaptor)	For 10 × 4.6 mm column	