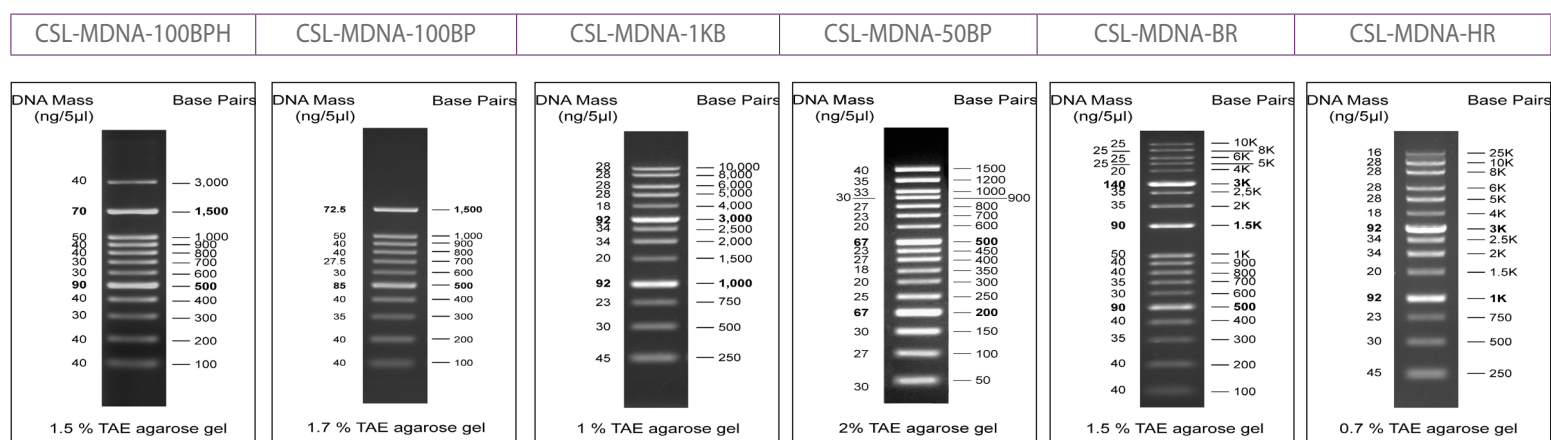


Ready-To-Use DNA Markers

Pre-made and containing loading dye for immediate use, Cleaver Scientific's ready-to-use (RTU) DNA markers are specially formulated to run accurately and produce sharp, well defined ladders. Available in six molecular weight ranges and composed of discrete marker fragments isolated from restriction-digested proprietary plasmids, each DNA marker will remain stable for up to 6 months at room temperature and 12 months if kept in the fridge at 4°C. All Cleaver Scientific RTU markers contain high intensity reference bands and may be used to perform size comparisons with DNA molecules ranging from the smallest of PCR fragments to large, linearised cosmid vectors.

Technical Specification						
Product Code	CSL-MDNA-100BPH	CSL-MDNA-100BP	CSL-MDNA-1KB	CSL-MDNA-50BP	CSL-MDNA-BR	CSL-MDNA-HR
Size Range	100-3000bp	100-1500bp	250bp-10Kb	50-1500bp	100bp-10Kb	250bp-25Kb
Number of Bands	12	11	13	17	19	14
Reference Bands	500, 1500bp	500, 1500bp	1Kb, 3Kb	200, 500bp	500bp, 1.5 & 3Kb	1Kb, 3Kb
Package Concentration	54µg/500µl vial	50µg/500µl vial	50µg/500µl vial	56µg/500µl vial	86µg/500µl vial	52µg/500µl vial
Storage	6 months at 25°C, 12 months at 4°C & 24 months at -20°C					
Recommended loading Volume	5µl/well	5µl/well	5µl/well	5µl/well	5µl/well	5µl/well
Tracking Dyes	Orange G, Xylene Cyanol FF, Bromophenol Blue					
Source	Proprietary plasmids and PCR fragments phenol-extracted following restriction digestion and dissolved in 10mM Tris-HCl (pH 8.0) and 10mM EDTA.					

Ordering Information
CSL-MDNA-100BPH 100bp DNA ladder, 100-3000bp, 1x500µl vial
CSL-MDNA-100BP 100bp DNA ladder, 100-1500bp, 1x500µl vial
CSL-MDNA-1KB 1Kb DNA ladder, 250bp-10Kb, 1x500µl vial
CSL-MDNA-50BP 50bp DNA ladder, 50-1500bp, 1x500µl vial
CSL-MDNA-BR Broad Range DNA ladder, 100bp-10Kb, 1x 500µl vial
CSL-MDNA-HR High Range DNA ladder, 250bp-25Kb, 1x500µl vial



Cleaver Scientific Ltd
Unit 4 Triton Park
Brownsover Road
Swift Valley
Rugby
Warwickshire
England CV21 1SG

01/13/V1



t +44 (0)1788 565300
f +44 (0)1788 552822
e info@cleaverscientific.com
e sales@cleaverscientific.com
w www.cleaverscientific.com