



SmartCheck™ DNA Ladders



- Ready-to-use formulation includes loading buffer and tracking dye
- 500µl suitable for 100 lanes (5µl per lane)
- Higher intensity reference bands
- Ultra pure production allows economical ambient shipping

Technical Details

Protocol: Briefly vortex the tube and use **5µl per lane**. Additional loading buffer is not required.

Concentration: 0.1 mg/ml

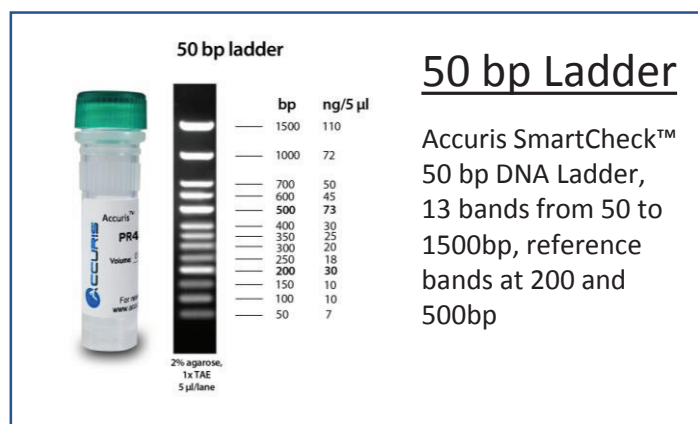
Tracking dye: bromophenol blue and xylene cyanol

Buffer formulation: 10mM Tris-HCl (pH 8.0), 5mM EDTA, 12.5% glycerol, 0.008% bromophenol blue, 0.008% xylene cyanol

Shipping and Storage: SmartCheck™ DNA Ladders are shipped at ambient temperature. On arrival, store at -20°C for optimum stability and long-term storage up to 15 months.

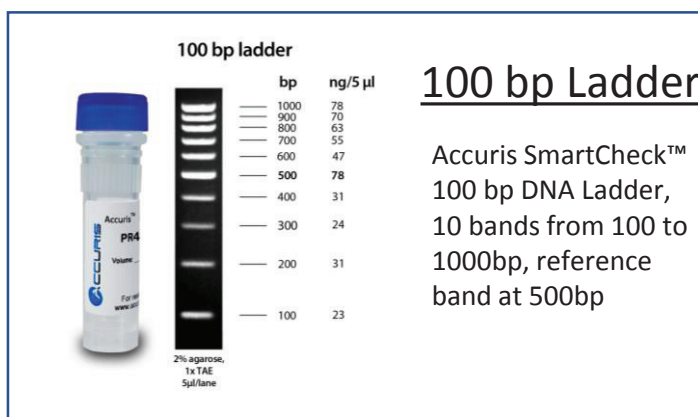
Production: SmartCheck™ ladders are produced from proprietary plasmids, digested to completion. A multistep chromatography method is used to ensure purity and DNA quality.

Quality Control: Each lot of SmartCheck™ DNA Ladders is tested with a spectrophotometer to confirm DNA concentration, as well as agarose electrophoresis to confirm band sharpness.



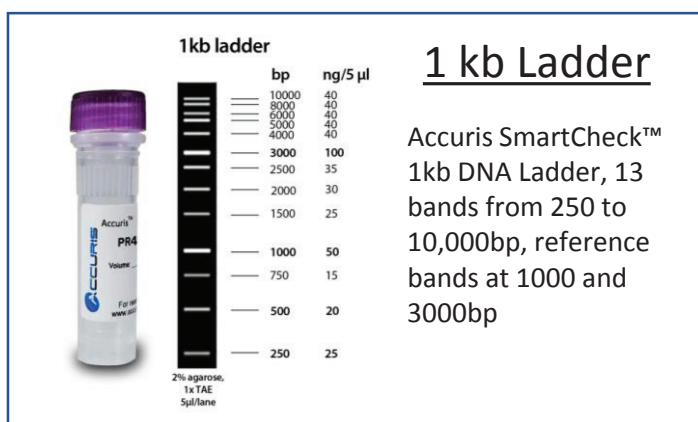
50 bp Ladder

Accuris SmartCheck™ 50 bp DNA Ladder, 13 bands from 50 to 1500bp, reference bands at 200 and 500bp



100 bp Ladder

Accuris SmartCheck™ 100 bp DNA Ladder, 10 bands from 100 to 1000bp, reference band at 500bp



1 kb Ladder

Accuris SmartCheck™ 1kb DNA Ladder, 13 bands from 250 to 10,000bp, reference bands at 1000 and 3000bp

Cat #	Description	List Price
50022773	Accuris SmartCheck™ 50bp DNA Ladder, 500µl / 100 lanes	\$45.00
50022774	Accuris SmartCheck™ 50bp DNA Ladder, 5 x 500µl / 500 lanes	\$175.00
50022775	Accuris SmartCheck™ 100bp DNA Ladder, 500µl / 100 lanes	\$45.00
50022776	Accuris SmartCheck™ 100bp DNA Ladder, 5 x 500µl / 500 lanes	\$175.00
50022777	Accuris SmartCheck™ 1kb DNA Ladder, 500µl / 100 lanes	\$45.00
50022778	Accuris SmartCheck™ 1kb DNA Ladder, 5 x 500µl / 500 lanes	\$175.00