



SmartCheck™ DNA Ladders

- | | |
|---------------------------------------------------------|--------------------------------------------------------------|
| <input type="checkbox"/> PR4005
50 bp ladder | <input type="checkbox"/> Sample
1 x 25 μ l |
| <input type="checkbox"/> PR4010
100 bp ladder | <input type="checkbox"/> 100 lanes
1 x 500 μ l |
| <input type="checkbox"/> PR4100
1kb ladder | <input type="checkbox"/> 500 lanes
5 x 500 μ l |

Ready-to-use with loading dye added, 0.1mg/ml concentration

Store at -20°C upon receipt.

PH: 908-769-5555 EM: info@accuris-usa.com

Accuris™ SmartCheck™ DNA Ladders

Description

Accuris SmartCheck DNA Ladders are produced from proprietary plasmids, digested to completion and purified in a multi-step chromatography process. Ladders are supplied in a ready-to-use format that includes loading buffer and tracking dyes.

- Three sizes: 50bp, 100bp and 1Kb
- Clear, distinct bands
- Reference bands with increased intensity for easy size determination
- Convenient, simply load 5 μ l per lane

PR4010 / PR4100 ladders are supplied in a buffer consisting of 10mM Tris-HCl (pH 8.0), 5mM EDTA, 12.5% glycerol, 0.008% bromophenol blue, 0.008% xylene cyanol.

PR4005 ladders are supplied in a buffer consisting of 10mM Tris-HCl (pH 8.0), 10mM Na-EDTA, 0.025% Orange G, 10% glycerol.

Storage

This product is shipped at ambient temperature. Upon receipt, ladders can be stored for up to 24 months at -20°C or at 4°C for up to 3 months.

Quality Control

The ladders are purified by a multistep chromatography method. Band sharpness is verified by agarose electrophoresis and DNA concentration is verified spectrophotometrically.

General Guidelines

SmartCheck DNA ladders are supplied ready-to-use. Gently pipette up and down to mix the ladders and add 5 μ l to the desired well in the gel. If the ladders are frozen, allow time to thaw and mix thoroughly.

The masses of each DNA band per 5 μ l load are given on the back side of this insert.

Technical Support

For trouble-shooting and technical support, contact us by phone at 908 769-5555 or email info@accuris-usa.com.

Limitations of Use

For research purposes only. Not intended for therapeutic or diagnostic use. Accuris is not responsible for consequential or incidental damages, whether direct or indirect, resulting from use of this product.

Package contents and reordering

See front panel for package contents and reordering information.

See reverse side for images of each ladder with band sizes and masses. Images and be cut and placed on lab bench for quick reference.

Accuris offers a full line of PCR enzymes and master mixes. Visit www.accuris-usa.com for details.



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1 x 25 μ l |
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Ready-to-use with loading dye added, 0.1mg/ml concentration

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- Reference bands with increased intensity for easy size determination
- Convenient, simply load 5 μ l per lane

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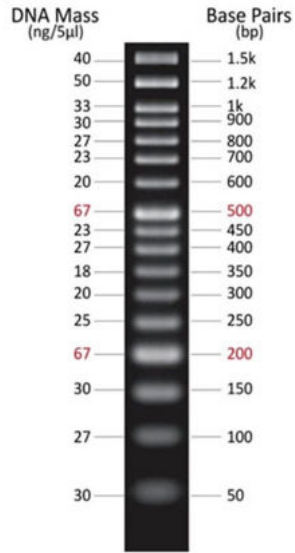
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50 bp ladder - PR4005



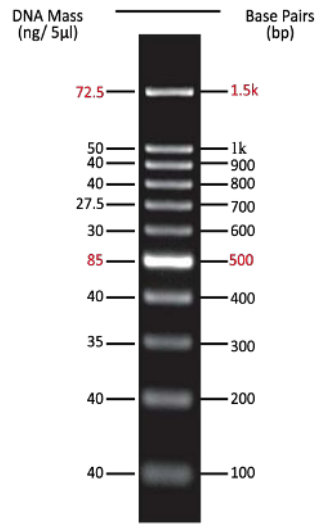
2% Agarose Gel, 0.5x TAE Buffer

Accuris SmartCheck™ DNA Ladders

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100 bp ladder - PR4010



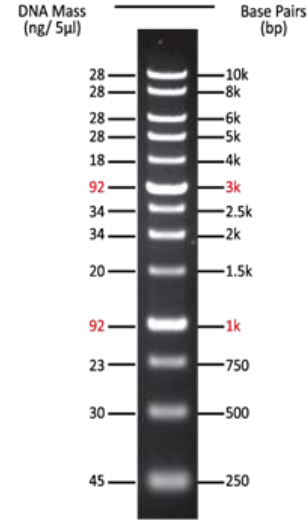
2% Agarose Gel
0.5x TAE Buffer

Accuris SmartCheck™ DNA Ladders

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1 kb ladder - PR4100



1% Agarose Gel
0.5x TAE Buffer

Accuris SmartCheck™ DNA Ladders

www.accuris-usa.com



ACCURIS
E3000 UV Transilluminator



302nm UV wave length,
compact design

AGAROSE LE



High quality, enhanced
resolution agarose

MYVOLT™ Touch



300V, dual orientation power
supply with color touch screen

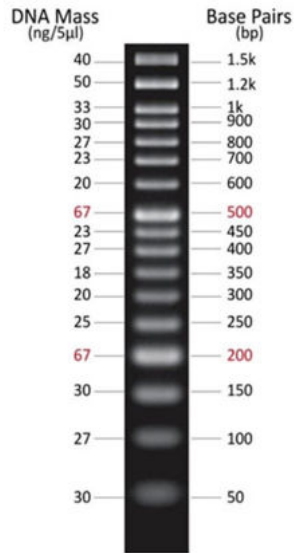
MYVOLT™ MINI



Compact and economical
100/200V output power supply

For additional product details, please visit www.accuris-usa.com or contact your local Benchmark Scientific dealer.

50 bp ladder - PR4005



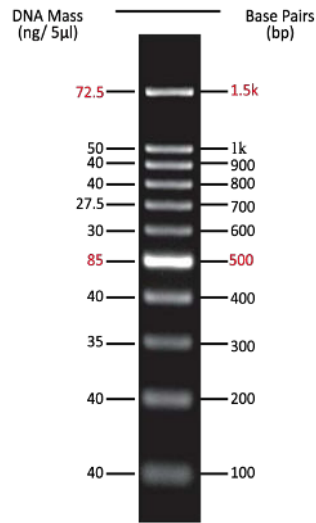
2% Agarose Gel, 0.5x TAE Buffer

Accuris SmartCheck™ DNA Ladders

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100 bp ladder - PR4010



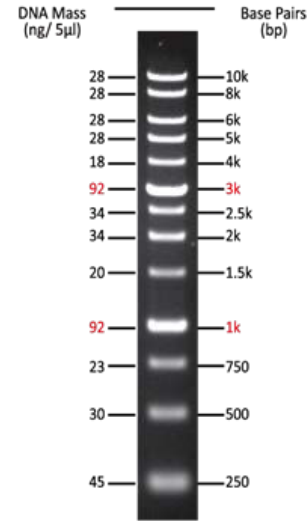
2% Agarose Gel
0.5x TAE Buffer

Accuris SmartCheck™ DNA Ladders

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1 kb ladder - PR4100



1% Agarose Gel
0.5x TAE Buffer

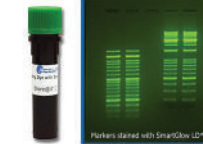
Accuris SmartCheck™ DNA Ladders

www.accuris-usa.com



Benchmark's Accuris Division offers a wide range of products to make electrophoresis easier, safer and smarter. Contact your local distributor for details to place an order.

SMART
SAFE (Sodium Acetate) GLOW



Safe Ethidium Bromide alternative,
fluoresces under UV or blue light

MY GEL™
mini



Complete mini electrophoresis
system with integral power supply

SMARTDOC™



Economical gel viewing and imaging
with a smart phone or tablet

SMARTBLUE™



Blue light transilluminator with
removable, adjustable filter cover

For additional product details, please visit www.accuris-usa.com or contact your local Benchmark Scientific dealer.