

## Olerup SSP<sup>®</sup> DNA Size Marker

**Product number:** 103.202-100  
**Lot number:** 22K  
**Volume:** 2 x 500 µl  
**Concentration:** 20 ng/µl  
**Format:** Ready-to-load, 10 µl per gel lane  
**Expiry date:** 2012-May-01  
**Storage:** 2-8°C

**DESCRIPTION** 2 vials, 500 µl each.  
DNA ladder, 7 bands: 50, 100, 200, 300, 400, 500 and 1 000 bp,  
20 ng/µl  
in 10 mM Tris-HCl (pH 9.0), 50 mM KCl, 5% (v/v) glycerol  
(99.5%), cresol red 100 ng/µl.

The DNA ladder contains 7 fragments of equal intensity:

| <u>Fragment</u> | <u>Number of base pairs</u> |
|-----------------|-----------------------------|
| 1               | 1000                        |
| 2               | 500                         |
| 3               | 400                         |
| 4               | 300                         |
| 5               | 200                         |
| 6               | 100                         |
| 7               | 50                          |

**PRODUCT USE** The DNA Size marker can be resolved well in standard LE agarose gels of 1-2%, in NuSieve 3:1 or Metaphor agarose gels up to 4%.  
The DNA Size Marker is supplied in a **ready-to-load format**. Typically load **10 µl per gel lane** of the ready-to-load DNA Size marker, equals 200 ng of DNA Size Marker.

**STORAGE** Store at 2-8°C.

**SHIPPING** The DNA Size Marker is shipped at ambient temperature.

**STABILITY** The DNA Size Marker is stable for 24 months when stored at 2-8°C.

## CERTIFICATE OF ANALYSIS

### **Olerup SSP<sup>®</sup> DNA Size Marker**

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10 µl DNA Size Marker was size-separated on a 2% agarose gel stained by ethidium bromide.

**Results:** Seven fragments of 50, 100, 200, 300, 400, 500 and 1000 bp, were visible on a UV transilluminator.

**Date of approval:** 2011-August-19

**Approved by:**

**Quality Control, Supervisor**

## Declaration of Conformity

**Product name:** DNA Size Marker  
**Product number:** 103.202-100  
**Lot number:** 22K

**Intended use:** DNA Size Marker

**Manufacturer:** *Olerup* SSP AB  
Franzengatan 5  
SE-112 51 Stockholm, Sweden  
**Phone:** +46-8-717 88 27  
**Fax:** +46-8-717 88 18

We, *Olerup* SSP AB, hereby declare that this product, to which this Declaration of Conformity relates is in conformity with the following Standard(s) and other normative document(s) ISO 9001:2008 and ISO 13485:2003, following the provisions of the 98/79/EC Directive on *in vitro* diagnostic medical devices, Annex III, as transposed into the national laws of the Member States of the European Union.

The Technical Documentation File is maintained at *Olerup* SSP AB, Franzengatan 5, SE-112 51 Stockholm, Sweden.

The Authorized Representative located within the Community is: *Olerup* SSP AB.

Stockholm, Sweden  
2011-August-19

Ann-Cathrin Jareman  
Head of QA and Regulatory Affairs

**ADDRESSES:**

**Manufacturer:**

**Olerup SSP AB**, Franzengatan 5, SE-112 51 Stockholm, Sweden.

**Tel:** +46-8-717 88 27

**Fax:** +46-8-717 88 18

**E-mail:** [info-ssp@olerup.com](mailto:info-ssp@olerup.com)

**Web page:** <http://www.olerup.com>

**Distributed by:**

**Olerup GmbH**, Löwengasse 47 / 6, AT-1030 Vienna, Austria.

**Tel:** +43-1-710 15 00

**Fax:** +43-1-710 15 00 10

**E-mail:** [support-at@olerup.com](mailto:support-at@olerup.com)

**Web page:** <http://www.olerup.com>

**Olerup Inc.**, 901 S. Bolmar St., Suite R, West Chester, PA 19382

**Tel:** 1-877-OLERUP1

**Fax:** 610-344-7989

**E-mail:** [info.us@olerup.com](mailto:info.us@olerup.com)

**Web page:** <http://www.olerup.com>

For information on *Olerup* SSP distributors worldwide, contact **Olerup GmbH**.