

## Olerup SSP® DNA Size Marker

**Product number:** 103.202-100/500  
**Lot number:** 8D5  
**Volume:** Product No. 103.202-100 – 2 x 500 µl  
Product No. 103.202-500 – 10 x 500 µl  
**Concentration:** 20 ng/µl  
**Format:** Ready-to-load, 10 µl per gel lane  
**Expiry date:** 2018-03-01  
**Storage:** 2-8°C

**DESCRIPTION** 103.202-100: 2 vials, 500 µl each.  
103.202-500: 10 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® DNA Size Marker**

|                        |   |
|------------------------|---|
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| <b>Lot number:</b>     | <b>8D5</b>  |
| <b>Volume:</b>         | <b>Product No. 103.202-100 – 2 x 500 µl</b><br><b>Product No. 103.202-500 – 10 x 500 µl</b> |
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| <b>Expiry date:</b>    | <b>2018-03-01</b>   |

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:***

***Approved by:***

**Production Quality Control**

## **Declaration of Conformity**

**Product name:** DNA Size Marker  
**Product number:** 103.202-100/500  
**Lot number:** 8D5

**Intended use:** DNA Size Marker

**Manufacturer:** *Olerup SSP AB*  
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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 EN ISO 13485:2012, 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.

Stockholm, Sweden  
2016-Mar-21

Daniel Malica  
Head of QA and Regulatory Affairs

**ADDRESSES:**

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