

Lot No.: **2F9**

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

**Product number:** 103.202-100/500  
**Lot number:** 2F9  
**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:** 2019-04-01  
**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.

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## **CERTIFICATE OF ANALYSIS**

### **Olerup SSP® DNA Size Marker**

<b>Product number:</b>	<b>103.202-100/-500</b>
<b>Lot number:</b>	<b>2F9</b>
<b>Volume:</b>	<b>Product No. 103.202-100 – 2 x 500 µl</b> <b>Product No. 103.202-500 – 10 x 500 µl</b>
<b>Concentration:</b>	<b>20 ng/µl</b>
<b>Expiry date:</b>	<b>2019-04-01</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:** 2F9

**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

Anna Hedlund,  
Head of RnD, Interim QA

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