

## Olerup SSP® DNA Size Marker for short gel runs

Product number:	103.203-100/500
Lot number:	5E6
Volume:	Product No. 103.203-100 – 2 x 500 µl Product No. 103.203-500 – 10 x 500 µl
Concentration:	20 ng/µl
Format:	Ready-to-load, 10 µl per gel lane
Expiry date:	2018-10-01
Storage:	2-8°C

**DESCRIPTION** 103.203-100: 2 vials, 500 µl each.  
103.203-500: 10 vials, 500 µl each.  
DNA ladder, 4 bands: 50, **200**, 500 and 1 000 bp.  
Double intensity of 200 bp band.  
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 4 fragments, double intensity of 200 bp band:

<u>Fragment</u>	<u>Number of base pairs</u>
1	1000
2	500
<b>3</b>	<b>200</b>
4	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 for short gel runs is supplied in a **ready-to-load format**. Typically load **10 µl per gel lane** of the ready-to-load DNA Size Marker for short gel runs, equals 200 ng of DNA Size Marker for short gel runs.

**STORAGE** Store at 2-8°C.

**SHIPPING** The DNA Size Marker for short gel runs is shipped at ambient temperature.

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

Change in revision R01 compared to R00:

1. The Certificate Of Analysis and Declaration Of Conformity date has been corrected.

## CERTIFICATE OF ANALYSIS

### **Olerup SSP® DNA Size Marker for short gel runs**

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Product No. 103.203-500 – 10 x 500 µl  
**Concentration:** 20 ng/µl  
**Expiry date:** 2018-10-01

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

**Results:** Four fragments of 50, 200, 500 and 1000 bp were visible on a UV transilluminator. Double intensity of 200 bp fragment.

**Date of approval:** 2016-Oct-31

**Approved by:**

**Production Quality Control**

## Declaration of Conformity

**Product name:** DNA Size Marker for short gel runs

**Product number:** 103.203-100/500

**Lot number:** 5E6

**Intended use:** DNA Size Marker for short gel runs

**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-Oct-31

Andrea Boman  
Head of QA and Regulatory Affairs

**ADDRESSES:**

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