

103.203-100/500

Lot No.: **4F8**

Olerup SSP[®] DNA Size Marker for short gel runs

Product number: 103.203-100/500
Lot number: 4F8
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: 2019-06-01
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 |
| 3 | 200 |
| 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.

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Lot No.: **4F8****CERTIFICATE OF ANALYSIS****Olerup SSP[®] DNA Size Marker for short gel runs**

| | |
|------------------------|---|
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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:

Approved by:

Production Quality Control

Lot No.: 4F8

Declaration of Conformity

Product name: DNA Size Marker for short gel runs
Product number: 103.203-100/500
Lot number: 4F8

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

Emil Jonsson
Head of QA

Lot No.: 4F8**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:** olerup-se@caredx.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:** olerup-at@caredx.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:** olerup-us@caredx.com**Web page:** <http://www.olerup.com>For information on *Olerup* distributors worldwide, contact **Olerup GmbH**.