Olerup SSP® DNA Size Marker for short gel runs

Product number:	**103.203-100/500**
Lot number:	**9E1**
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:	**2019-01-01**
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:

Fragment	Number of base pairs
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.

CE

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: 2017-April-21

Approved by:

Production Quality Control

CE

Declaration of Conformity

Product name: DNA Size Marker for short gel runs
Product number: 103.203-100/500
Lot number: 9E1

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
2017-APR-21

Daniel Malica
Head of QA and Regulatory Affairs

CE