

vivantis

DNA LADDERS & MARKERS

Product Datasheet

MilliMark PCR Marker

Product No : NM2421
Quantity : 50µg

Lot :
Expiry date :
Concentration : 0.5µg/µl
Supplied with : 1ml 6X Loading dye

Store at -20°C info@vivanttechnologies.com

Description:

This PCR marker is suitable for sizing linear double-stranded DNA fragment or PCR products in agarose. Plasmid is completely digested yields 10 fragments in size (bp): 1161, 943, 718, 585, 497, 341, 267, 225, 153, and 105. **85, 78, 75, 46, 36, 18, 17, 12, 11, 8 (obscure bands)**. 50µg of marker is sufficient for 150-200 loadings for standard 5mm width of gel lane.



Usage recommendation:

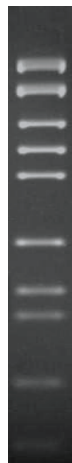
Use 0.05µg - 0.1µg of the DNA marker per 1mm width of gel lane.

Storage Buffer:

10mM Tris-HCl (pH 8.0) and 1mM EDTA.

1161 bp —
943 bp —
718 bp —
585 bp —
497 bp —

341 bp —
267 bp —
225 bp —
153 bp —
105 bp —



0.5µg/lane, 6 V/cm, 45 min, 8cm length gel
5mm gel lane, 3% Agarose in 1X TBE.

Product Use Limitation

This product is for research purposes and *in vitro* use only.

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DNA LADDERS & MARKERS

Product Datasheet

MilliMark PCR Marker

Product No : NM2422
Quantity : 5 x 50µg

Lot :
Expiry date :
Concentration : 0.5µg/µl
Supplied with : 2ml 6X Loading dye

Store at -20°C info@vivanttechnologies.com

Description:

This PCR marker is suitable for sizing linear double-stranded DNA fragment or PCR products in agarose. Plasmid is completely digested yields 10 fragments in size (bp): 1161, 943, 718, 585, 497, 341, 267, 225, 153, and 105. **85, 78, 75, 46, 36, 18, 17, 12, 11, 8 (obscure bands)**. 50µg of marker is sufficient for 150-200 loadings for standard 5mm width of gel lane.



Usage recommendation:

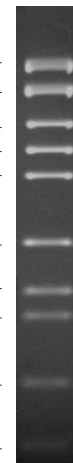
Use 0.05µg - 0.1µg of the DNA marker per 1mm width of gel lane.

Storage Buffer:

10mM Tris-HCl (pH 8.0) and 1mM EDTA.

1161 bp —
943 bp —
718 bp —
585 bp —
497 bp —

341 bp —
267 bp —
225 bp —
153 bp —
105 bp —



0.5µg/lane, 6 V/cm, 45 min, 8cm length gel
5mm gel lane, 3% Agarose in 1X TBE.

Product Use Limitation

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DNA LADDERS & MARKERS

Product Datasheet

MilliMark PCR Marker (ready-to-use)

Product No : NM2423
Quantity : 50µg

Lot :
Expiry date :
Concentration : 0.1µg/µl

Store at -20°C info@vivanttechnologies.com

Description:

This PCR marker is suitable for sizing linear double-stranded DNA fragment or PCR products in agarose. Plasmid is completely digested yields 10 fragments in size (bp): 1161, 943, 718, 585, 497, 341, 267, 225, 153, and 105. **85, 78, 75, 46, 36, 18, 17, 12, 11, 8 (obscure bands)**. 50µg of marker is sufficient for 150-200 loadings for standard 5mm width of gel lane.



Usage recommendation:

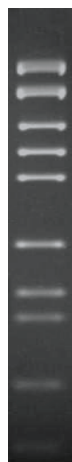
Use 0.05µg - 0.1µg of the DNA marker per 1mm width of gel lane.

Storage Buffer:

10mM Tris-HCl (pH 8.0) and 1mM EDTA.

1161 bp —
943 bp —
718 bp —
585 bp —
497 bp —

341 bp —
267 bp —
225 bp —
153 bp —
105 bp —



0.5µg/lane, 6 V/cm, 45 min, 8cm length gel
5mm gel lane, 3% Agarose in 1X TBE.

Product Use Limitation

This product is for research purposes and *in vitro* use only.

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DNA LADDERS & MARKERS

Product Datasheet

MilliMark PCR Marker (ready-to-use)

Product No : NM2424
Quantity : 5 x 50µg

Lot :
Expiry date :
Concentration : 0.1µg/µl

Store at -20°C info@vivanttechnologies.com

Description:

This PCR marker is suitable for sizing linear double-stranded DNA fragment or PCR products in agarose. Plasmid is completely digested yields 10 fragments in size (bp): 1161, 943, 718, 585, 497, 341, 267, 225, 153, and 105. **85, 78, 75, 46, 36, 18, 17, 12, 11, 8 (obscure bands)**. 50µg of marker is sufficient for 150-200 loadings for standard 5mm width of gel lane.



Usage recommendation:

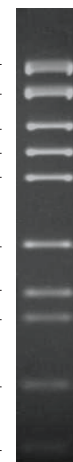
Use 0.05µg - 0.1µg of the DNA marker per 1mm width of gel lane.

Storage Buffer:

10mM Tris-HCl (pH 8.0) and 1mM EDTA.

1161 bp —
943 bp —
718 bp —
585 bp —
497 bp —

341 bp —
267 bp —
225 bp —
153 bp —
105 bp —



0.5µg/lane, 6 V/cm, 45 min, 8cm length gel
5mm gel lane, 3% Agarose in 1X TBE.

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