

Архангельск (8182)63-90-72

Астана (7172)727-132

Астрахань (8512)99-46-04

Барнаул (3852)73-04-60

Белгород (4722)40-23-64

Брянск (4832)59-03-52

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Волгоград (844)278-03-48

Вологда (8172)26-41-59

Воронеж (473)204-51-73

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Иваново (4932)77-34-06

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Иркутск (395)279-98-46

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Киров (8332)68-02-04

Краснодар (861)203-40-90

Красноярск (391)204-63-61

Курск (4712)77-13-04

Липецк (4742)52-20-81

Магнитогорск (3519)55-03-13

Москва (495)268-04-70

Мурманск (8152)59-64-93

Набережные Челны (8552)20-53-41

Нижний Новгород (831)429-08-12

Новокузнецк (3843)20-46-81

Новосибирск (383)227-86-73

Омск (3812)21-46-40

Орел (4862)44-53-42

Оренбург (3532)37-68-04

Пенза (8412)22-31-16

Пермь (342)205-81-47

Ростов-на-Дону (863)308-18-15

Рязань (4912)46-61-64

Самара (846)206-03-16

Санкт-Петербург (812)309-46-40

Саратов (845)249-38-78

Севастополь (8692)22-31-93

Симферополь (3652)67-13-56

Смоленск (4812)29-41-54

Сочи (862)225-72-31

Ставрополь (8652)20-65-13

Сургут (3462)77-98-35

Тверь (4822)63-31-35

Томск (3822)98-41-53

Тула (4872)74-02-29

Тюмень (3452)66-21-18

Ульяновск (8422)24-23-59

Уфа (347)229-48-12

Хабаровск (4212)92-98-04

Челябинск (351)202-03-61

Череповец (8202)49-02-64

Ярославль (4852)69-52-93

Киргизия (996)312-96-26-47

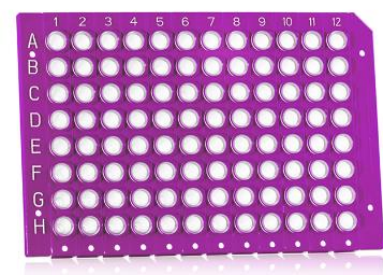
Россия (495)268-04-70

Казахстан (772)734-952-31

<https://azenta.nt-rt.ru/> || aez@nt-rt.ru

FrameStar Divisible PCR Plates

FrameStar® Breakable Vertically PCR Plate



4ti-1000/P | FrameStar Breakable Vertically PCR Plate | Front

96 well semi-skirted plate, vertically scored, snaps easily into strips of 8 tubes or part plates, cut corner A12; standard profile, 0.2ml polypropylene wells, polycarbonate frame; working volume: <200µl, total well capacity: 300µl

- Available 2D coded on request

Overview

Our FrameStar Breakable Vertically PCR Plates utilize the 2-component design of the FrameStar range, which combines the. advantages of thin-walled polypropylene tubes for optimum PCR results and a rigid frame portion for easy and reliable handling. Learn more about the features and benefits of the [FrameStar](#) range.

Key Features

- Quality
- Wells
- Frame
- Use
- Options

Specifications

Parameter	FrameStar Breakable Vertically PCR Plate
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Plate length	125.11 ± 0.25mm
Plate width	83.22 ± 0.25mm
Plate height	20.80 ± 0.25mm
Well depth	20.30 ± 0.15mm
Well diameter	5.46 ± 0.10mm
Total well capacity	0.3ml (300µl)
Working volume	<0.2ml (200µl)
Distance to center of A1 from top edge	10.11 ± 0.25mm
Distance to center of A1 from left edge	13.06 ± 0.25mm
Pitch (distance between A1 and A2)	9.00mm

Compatibility

- **ABI®/LIFE TECHNOLOGIES/THERMO FISHER SCIENTIFIC**
- **AGILENT/STRATAGENE**
- **ANALYTIK JENA/BIOMETRA**
- **BIOER TECHNOLOGIES**
- **BIO-RAD**
- **BIO-RAD MJ RESEARCH**
- **CORBETT RESEARCH**
- **EPPENDORF**
- **PEQLAB/VWR**
- **SENSOQUEST**
- **TAKARA**
- **TECHNE**

FrameStar Breakable Vertically PCR Plates are not compatible with the ABI 9700 dual block thermal cycler.

For recommended plate options depending on manufacturer, block type, and instrument please refer to the Azenta Life Sciences Plate Instrument Compatibility Table.

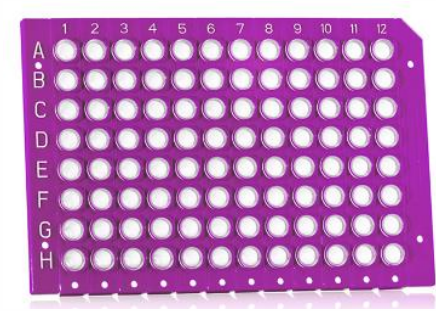
Ordering Information

Use these part numbers to request a quote, a sample or to contact an expert:

Part number	Description
FrameStar Breakable Vertically PCR Plate 96 well semi-skirted plate, vertically scored, snaps easily into strips of 8 tubes or part plates, cut corner A12; standard profile, 0.2ml polypropylene wells, polycarbonate frame; working volume: <200µl, total well capacity: 300µl	
4ti-1000/P	clear wells, purple frame; 50 plates
4ti-1000/B	clear wells, blue frame; 50 plates
4ti-1000/C	clear wells, clear frame; 50 plates
4ti-1000/G	clear wells, green frame; 50 plates
4ti-1000/R	clear wells, red frame; 50 plates
4ti-1000/W	clear wells, white frame; 50 plates
4ti-1000/X	clear wells, black frame; 50 plates
4ti-1001	white wells, black frame; 50 plates

2D coding is available for this product. Contact an expert for more information or read more about 2D coding.

FrameStar® Breakable Vertically PCR Plate, Low Profile



4ti-1200/P | FrameStar Breakable Vertically PCR Plate, Low Profile | Front

96 well semi-skirted plate, vertically scored, snaps easily into strips of 8 tubes or part plates, cut corner A12; low profile, 0.1ml polypropylene wells, polycarbonate frame; working volume: <100µl, total well capacity: 200µl

- Available 2D coded on request

Overview

Our FrameStar Breakable Vertically PCR Plates, Low Profile utilize the 2-component design of the FrameStar range, which combines the advantages of thin-walled polypropylene tubes for optimum PCR results and a rigid frame portion for easy and reliable handling. Learn more about the features and benefits of the FrameStar range.

This low profile plate has shorter wells than the standard profile plate (4ti-1000), decreasing the "dead space" between the heated lid of the thermal cycler and the sample. This eliminates condensation on the side wall of the tube, preventing reduction in PCR volume and increasing the efficiency of the reaction. Low profile products are especially recommended for use with reaction volumes below 20µl.

Key Features

- **Quality**
- **Wells**
- **Frame**
- **Use**
- **Options**

Specifications

Parameter	FrameStar Breakable Vertically PCR Plate, Low Profile
Plate length	125.11 ± 0.25mm
Plate width	83.22 ± 0.25mm
Plate height	15.60 ± 0.25mm
Well depth	15.10 ± 0.10mm
Well diameter	5.50 ± 0.10mm
Total well capacity	0.2ml (200µl)
Working volume	<0.1ml (100µl)
Distance to center of A1 from top edge	10.11 ± 0.25mm
Distance to center of A1 from left edge	13.06 ± 0.25mm

Pitch (distance between A1 and A2)	9.00mm
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Compatibility

- **ABI®/LIFE TECHNOLOGIES/THERMO FISHER SCIENTIFIC**
- **AGILENT/STRATAGENE**
- **BIO-RAD**
- **BIO-RAD MJ RESEARCH**
- **EPPENDORF**
- **PEQLAB/VWR**
- **SENSOQUEST**
- **TECHNE**

FrameStar Breakable Vertically PCR Plates, Low Profile are not compatible with the ABI 9700 dual block thermal cycler.

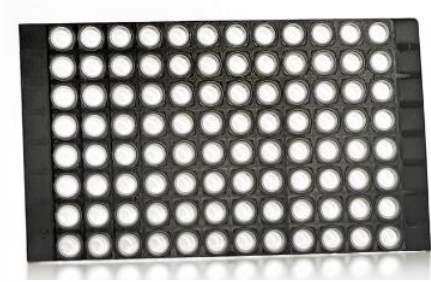
For recommended plate options depending on manufacturer, block type, and instrument please refer to the Azenta Life Sciences Plate Instrument Compatibility Table.

Ordering Information

Use these part numbers to request a quote, a sample or to contact an expert:

Part number	Description
FrameStar Breakable Vertically PCR Plate, Low Profile 96 well semi-skirted plate, vertically scored, snaps easily into strips of 8 tubes or part plates, cut corner A12; low profile, 0.1ml polypropylene wells, polycarbonate frame; working volume: <100µl, total well capacity: 200µl	
4ti-1200/P	clear wells, purple frame; 50 plates
4ti-1200/B	clear wells, blue frame; 50 plates
4ti-1200/C	clear wells, clear frame; 50 plates
4ti-1200/G	clear wells, green frame; 50 plates
4ti-1200/R	clear wells, red frame; 50 plates
4ti-1200/W	clear wells, white frame; 50 plates
4ti-1200/X	clear wells, black frame; 50 plates
4ti-1201	white wells, black frame; 50 plates

FrameStar® Breakable Horizontally and Vertically PCR Plate



4ti-1300/X | FrameStar Breakable Horizontally and Vertically PCR Plate | Front

96 well rigid plate, vertically and horizontally scored, snaps easily into part plates, 8 well strips, 12 well strips, part strips or individual tubes; standard profile, 0.2ml polypropylene wells, polycarbonate frame; working volume: <200µl, total well capacity: 300µl

Overview

The FrameStar Breakable Horizontally and Vertically PCR Plates allow for the most flexible, efficient and cost-effective use of FrameStar PCR plates, ensuring not a single tube is wasted.

Our FrameStar Breakable Horizontally and Vertically PCR Plates utilize the 2-component design of the FrameStar range, which combines the advantages of thin-walled polypropylene tubes for optimum PCR results and a rigid frame portion for easy and reliable handling. Learn more about the features and benefits of the FrameStar range.

Key Features

- **Quality**
- **Wells**
- **Use**
- **Options**

Specifications

Parameter	FrameStar Breakable Horizontally and Vertically PCR Plate
Plate length	125.00 ± 0.25mm
Plate width	72.0 ± 0.25mm
Plate height	20.70 ± 0.25mm

Well depth	20.20 ± 0.10mm
Well diameter	5.46 ± 0.10mm
Total well capacity	0.3ml (300µl)
Working volume	<0.2ml (200µl)
Distance to center of A1 from top edge	4.5 ± 0.25mm
Distance to center of A1 from left edge	8.5 ± 0.25mm
Pitch (distance between A1 and A2)	9.00mm

Compatibility

- ABI®/LIFE TECHNOLOGIES/THERMO FISHER SCIENTIFIC
- AGILENT/STRATAGENE
- ANALYTIK JENA/BIOMETRA
- BIOER TECHNOLOGIES
- BIO-RAD
- BIO-RAD MJ RESEARCH
- CORBETT RESEARCH
- EPPENDORF
- PEQLAB/VWR
- SENSOQUEST
- TAKARA
- TECHNE

In some cases it may be required to break off the end tabs to allow for a perfect fit.

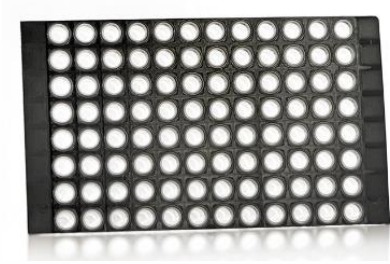
For recommended plate options depending on manufacturer, block type, and instrument please refer to the Azenta Life Sciences Plate Instrument Compatibility Table.

Ordering Information

Use these part numbers to request a quote, a sample or to contact an expert:

Part number	Description
FrameStar Breakable Horizontally and Vertically PCR Plate 96 well rigid plate, vertically and horizontally scored, snaps easily into part plates, 8 well strips, 12 well strips, part strips or individual tubes; standard profile, 0.2ml polypropylene wells, polycarbonate frame; working volume: <200µl, total well capacity: 300µl	
4ti-1300/X	clear wells, black frame; 50 plates

FrameStar® Breakable Horizontally and Vertically PCR Plate, Low Profile



4ti-1400/X | FrameStar Breakable Horizontally and Vertically PCR Plate, Low Profile | Front

96 well rigid plate, vertically and horizontally scored, snaps easily into part plates, 8 well strips, 12 well strips, part strips or individual tubes; low profile, 0.1ml polypropylene wells, polycarbonate frame; working volume: <100µl, total well capacity: 200µl

Overview

The FrameStar Breakable Horizontally and Vertically PCR Plate, Low Profile allow for the most flexible, efficient and cost-effective use of FrameStar PCR plates, ensuring not a single tube is wasted.

Our FrameStar Breakable Horizontally and Vertically PCR Plates, Low Profile utilize the 2-component design of the FrameStar range, which combines the advantages of thin-walled polypropylene tubes for optimum PCR results and a rigid frame portion for easy and reliable handling. Learn more about the features and benefits of the FrameStar range.

Key Features

- Quality
- Wells
- Use
- Options

Specifications

Parameter	FrameStar Breakable Horizontally and Vertically PCR Plate, Low Profile
Plate length	125.00 ± 0.25mm
Plate width	72.0 ± 0.25mm
Plate height	15.60 ± 0.15mm
Well depth	15.10 ± 0.15mm
Well diameter	5.50 ± 0.10mm

Total well capacity	0.2ml (200µl)
Working volume	<0.1ml (100µl)
Distance to center of A1 from top edge	4.50 ± 0.25mm
Distance to center of A1 from left edge	8.50 ± 0.25mm
Pitch (distance between A1 and A2)	9.00mm

Compatibility

- ABI®/LIFE TECHNOLOGIES/THERMO FISHER SCIENTIFIC
- AGILENT/STRATAGENE
- BIO-RAD
- BIO-RAD MJ RESEARCH
- EPPENDORF
- PEQLAB/VWR
- SENSOQUEST
- TECHNE

In some cases it may be required to break off the end tabs to allow for a perfect fit.

For recommended plate options depending on manufacturer, block type, and instrument please refer to the Azenta Life Sciences Plate Instrument Compatibility Table.

Ordering Information

Use these part numbers to request a quote, a sample or to contact an expert:

Part number	Description
FrameStar Breakable Horizontally and Vertically PCR Plate, Low Profile 96 well rigid plate, vertically and horizontally scored, snaps easily into part plates, 8 well strips, 12 well strips, part strips or individual tubes; low profile, 0.1ml polypropylene wells, polycarbonate frame; working volume: <100µl, total well capacity: 200µl	
4ti-1400/X	clear wells, black frame; 50 plates

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 Астана (7172)727-132
 Астрахань (8512)99-46-04
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 Киров (8332)68-02-04
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 Красноярск (391)204-63-61
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 Смоленск (4812)29-41-54
 Сочи (862)225-72-31
 Ставрополь (8652)20-65-13

Сургут (3462)77-98-35
 Тверь (4822)63-31-35
 Томск (3822)98-41-53
 Тула (4872)74-02-29
 Тюмень (3452)66-21-18
 Ульяновск (8422)24-23-59
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 Ярославль (4852)69-52-93

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Россия (495)268-04-70

Казахстан (772)734-952-31

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