

# BD GasPak™ EZ Gas Generating Container Systems

R<sub>x</sub> Only



8010412(05)

2019-07

English

## INTENDED USE

The BD GasPak™ EZ Gas Generating Container Systems are multi-use systems that produce atmospheres suitable to support the primary isolation and cultivation of anaerobic, microaerophilic, or capnophilic bacteria by use of gas generating sachets inside multi-use incubation containers.

## SUMMARY AND EXPLANATION

In 1965, Brewer and Allgeier introduced a disposable hydrogen generator envelope, which was later modified to include carbon dioxide generation and an internal catalyst.<sup>1,2</sup> The BD GasPak EZ Gas Generating Container Systems offer bio-performance and reliability without the need for a catalyst or an activation procedure. The BD GasPak EZ Gas Generating Sachet contains all the ingredients needed to create a specific atmosphere for specimen incubation. The sachet and specimens are placed in the clear, stackable, plastic BD GasPak EZ Incubation Container. The container is sealed and incubated.

## PRINCIPLES OF THE PROCEDURE

The BD GasPak EZ Gas Generating Sachet consists of a reagent sachet containing inorganic carbonate, activated carbon, ascorbic acid and water. When the sachet is removed from the outer wrapper, the sachet becomes activated by exposure to air. The activated reagent sachet and specimens are placed in the BD GasPak EZ Incubation Container and the container is sealed. The sachet rapidly reduces the oxygen concentration within the container. At the same time, inorganic carbonate produces carbon dioxide.

For the cultivation of anaerobic bacteria, the BD GasPak EZ Anaerobe Container System Sachets produce an anaerobic atmosphere within 2.5 h with less than 1.0% oxygen, and greater than or equal to 13% carbon dioxide within 24 h.

For the cultivation of microaerophilic bacteria, the BD GasPak EZ Campy Container System Sachets produce a microaerophilic atmosphere within 2 h with approximately 6–16% oxygen, and 2–10% carbon dioxide within 24 h.

For the cultivation of carbon dioxide requiring organisms, the BD GasPak EZ CO<sub>2</sub> Container System Sachets produce an atmosphere within 24 h with greater than or equal to 2.5% carbon dioxide.

## REAGENTS

### Warnings and Precautions:

For *in vitro* Diagnostic Use.

Observe established precautions against microbiological hazards throughout all procedures. Prior to discarding, decontaminate specimen containers and other contaminated material by autoclaving.

After use, the sachet may remain warm. Discard sachet only after reaction is complete (when cool).

**DO NOT** use sachet if outer foil is damaged or open in any manner. Examine carefully before use.

Avoid direct sunlight and excessive temperatures.

**DO NOT** stack sachets when using more than one.

**DO NOT** open container until incubation is complete.

BD GasPak EZ Container System Sachets are intended for use in BD GasPak EZ Incubation Containers, and

BD BBL™ GasPak 100 System or BD BBL GasPak 150 Large Anaerobic System. Their use in other systems may yield misleading results.

BD GasPak EZ Incubation Containers are designed for BD GasPak EZ Container System Sachets. Do not use with other gas generating sachets or envelopes (e.g., BD BBL GasPak/BD GasPak Plus Envelopes).

**Storage Instructions:** On receipt, store sachets at 2–25 °C in a dry environment.

BD GasPak EZ Container System Sachets are ready to use. The expiration date is for unopened, intact and properly stored sachets. Do not open until ready to use.

**Product Deterioration:** Do not use reagent sachets if outer package has been damaged or opened. Do not use containers that show cracks, chips, damaged gaskets or other irregularities. Containers to be discarded shall be treated as biohazardous waste.

**Active Ingredients:** Ascorbic acid, activated carbon and water

## PROCEDURE

**Materials Provided:** BD GasPak EZ Container System. Each system requires the use of a container and sachet(s) (See "Availability").

Container	# of Sachets	# of BBL Stacker Petri dishes
BD GasPak EZ Small Incubation Container (Cat. No. 260002)	1	10–12
BD GasPak EZ Standard Incubation Container (Cat. No. 260671)	2	15–18
BD GasPak EZ Large Incubation Container (Cat. No. 260672)	3	30–33*
BD BBL GasPak 100 System (Cat. No. 260626)	1	12*
BD BBL GasPak 150 Large Anaerobic System (Cat. No. 260628)	3	36*

\*Or a combination of Petri dishes and tubed media.

**Materials Required But Not Provided:** BD GasPak EZ Incubation Container Rack (See "Availability"), BD BBL GasPak tube holder, ancillary culture media, reagents, indicators, quality control organisms and laboratory equipment as required for this procedure.

### Test Procedure:

1. Place the desired plates in the rack inside the BD GasPak EZ Incubation Container. (If tubes are being used in the BD BBL GasPak Jar, use the BD BBL GasPak tube holder, Cat. No. 260630.)
2. Use the above table to determine the number of sachet(s) needed per container. Remove the BD GasPak EZ Container System Sachet(s) from the carton. Remove the outer foil packaging.
3. Place the activated sachets in the BD GasPak EZ Incubation Container or BD BBL GasPak Jar with the plates. The sachet(s) should be placed alongside the plates between the plate rack and the outside of the container. If using the BD GasPak EZ Anaerobe Sachet for incubation, add an anaerobic indicator (Cat. No 271051) to the container or jar at this time. If using BD GasPak EZ w/Indicator, there is no need to add an additional O<sub>2</sub> indicator. The O<sub>2</sub> indicator will be white when the sachet is removed from the foil packet, gradually becoming blue as the sachet is exposed to an oxygenated atmosphere; it will then revert to white when the environment is reduced.
4. Close the BD GasPak EZ Container by seating the lid on the container bottom. Snap all four latches completely closed. If using the BD BBL GasPak Jar, refer to the package insert for the jar.
5. Incubate the BD GasPak EZ Container System at a temperature appropriate for the organism being cultured, but not to exceed 45 °C. The BD GasPak EZ Incubation Containers may be stacked to conserve incubator space.
6. After incubation, open the container, remove plates and dispose of the BD GasPak EZ Container System Sachets in the appropriate manner. Ensure sachets are cool to the touch before discarding.

### Maintenance Recommendations:

Proper care of the BD GasPak EZ Incubation Container consists of the following:

1. Avoid contact with abrasives.
2. Avoid contact with solvents and strong detergents.
3. Rinse and dry thoroughly after cleaning with a **mild** detergent/disinfectant.
4. Never autoclave container or lid.

### User Quality Control:

Each BD GasPak EZ Gas Generating Container System should be tested periodically for its ability to provide adequate conditions for the growth of appropriate bacteria.

System	QC organism
BD GasPak EZ Anaerobe Container System	<i>Bacteroides fragilis</i> ATCC® 25285
BD GasPak EZ Campy Container System	<i>Campylobacter jejuni</i> ATCC 29428
BD GasPak EZ CO <sub>2</sub> Container System	<i>Neisseria gonorrhoeae</i> ATCC 19424

Quality control requirements must be performed in accordance with applicable local, state and/or federal regulations or accreditation requirements and your laboratory's standard Quality Control procedures. It is recommended that the user refer to pertinent CLSI guidance and CLIA regulations for appropriate Quality Control practices.

## RESULTS

Anaerobic conditions are achieved within 2.5 h, with greater than or equal to 13% carbon dioxide within 24 h at 35 °C. Visible condensate should occur within 30 min of activation. Blood-containing agar plates appear reduced within 2–4 h at 35 °C. The integrated anaerobic indicator should appear reduced (white) within 9 h at 35 °C.

Microaerophilic conditions are achieved within 2 h with an oxygen concentration of approximately 6–16% and a carbon dioxide concentration of 2–10% at 35 °C within 24 h.

Carbon dioxide enriched conditions are achieved within 24 h with a carbon dioxide concentration of greater than or equal to 2.5% at 35 °C.

## PERFORMANCE CHARACTERISTICS

### BD GasPak EZ Anaerobic Container System Sachets (260678)

Prior to release, representative samples of each lot of BD GasPak EZ Anaerobic Container System Sachets are tested for performance characteristics.

Each sample of the BD GasPak EZ Anaerobic Container System Sachets is activated and placed in the incubation container along with an anaerobic indicator. The container is sealed according to label directions and observed for the time required for visible condensation to form. The container is then incubated at  $35 \pm 2$  °C. After approximately 2.5 h, a 22-gauge 1.5" needle is inserted into the incubation container and a sample of the gas is removed, placed in a gas chromatograph, and analyzed for the amount of oxygen present in the incubation container. The percent of oxygen for each container is less than or equal to 1% and the mean percent for all samples tested for oxygen is less than 0.7%. After approximately 24 h incubation at  $35 \pm 2$  °C, another sample is taken from the container and analyzed for the amount of carbon dioxide. The percent of carbon dioxide is dependent upon container size but is greater than or equal to 13%. Within 9 h, the anaerobic indicators are white (reduced). The average time for visible condensation to appear inside the incubation containers is within 20 min after activation.

### BD GasPak EZ Anaerobic System Sachets with Indicator (260001)

Prior to release, representative samples of each lot of BD GasPak EZ Anaerobic System Sachets with Indicator are tested for performance characteristics.

Each sample of the BD GasPak EZ Anaerobic System Sachets with Indicator is activated and placed in the incubation container. The container is sealed according to label directions and observed for the time required for visible condensation to form. The container is then incubated at  $35 \pm 2$  °C. After approximately 2.5 h, a 22-gauge 1.5" needle attached to a 3 mL syringe is inserted into the incubation container and a sample of the gas is removed, placed in a gas chromatograph and analyzed for the amount of oxygen present in the incubation container. The percent of oxygen for each container is less than or equal to 1% and the mean percent for all samples tested for oxygen is less than 0.7%. After approximately 24 h incubation at  $35 \pm 2$  °C, another sample is taken from the container and analyzed for the amount of carbon dioxide. The percent of carbon dioxide is dependent upon container size but is greater than or equal to 13%. Reduction of the Anaerobic Indicator pill attached to the sachet must occur within 24 h of incubation at  $35 \pm 2$  °C. The average time for visible condensation to appear inside the jars is within 20 min after activation.

### BD GasPak EZ Campy Container System Sachets (260680)

Prior to release, representative samples of each lot of BD GasPak EZ Campy Container System Sachets are tested for performance characteristics.

Each sample of the BD GasPak EZ Campy Container System Sachets is activated and placed in the incubation container. The container is sealed according to label directions and observed for the time required for visible condensation to form. The container is then incubated at  $35 \pm 2$  °C. After approximately 2 h, a 22-gauge 1.5" needle is inserted into the incubation container and a sample of the gas is removed, placed in a gas chromatograph, and analyzed for the amount of oxygen present in the incubation container. The percent of oxygen for each container is 6% to 16%. After approximately 24 h incubation at  $35 \pm 2$  °C, another sample is taken from the container and analyzed for the amount of carbon dioxide. The percent of carbon dioxide for each container is 2% to 10%. The average time for visible condensation to appear inside the incubation containers is within 20 min after activation.

### BD GasPak EZ CO<sub>2</sub> Container System Sachets (260679)

Prior to release, representative samples of each lot of BD GasPak EZ CO<sub>2</sub> Container System Sachets are tested for performance characteristics.

Each sample of the BD GasPak EZ CO<sub>2</sub> Container System Sachets is activated and placed in the incubation container along with 2 filled Petri dishes. The container is sealed according to label directions and incubated at  $35 \pm 2$  °C. After approximately 24 h, a 22-gauge 1.5" needle is inserted into the incubation container and a sample of the gas is removed, placed in a gas chromatograph, and analyzed for the amount of carbon dioxide present in the incubation container. The percent of carbon dioxide for each container is greater than or equal to 3%.

## AVAILABILITY

Cat. No.	Description
260002	BD GasPak™ EZ Small Incubation Container (10–12 plates)
260671	BD GasPak™ EZ Standard Incubation Container (15–18 plates)
260672	BD GasPak™ EZ Large Incubation Container (30–33 plates)
260678	BD GasPak™ EZ Anaerobe Container System Sachets (20 sachets per box)
260001	BD GasPak™ EZ Anaerobe Container System Sachets with Indicator (20 sachets per box)
260680	BD GasPak™ EZ Campy Container System Sachets (20 sachets per box)
260679	BD GasPak™ EZ CO <sub>2</sub> Container System Sachets (20 sachets per box)
260003	BD GasPak™ EZ Small Incubation Container Rack (10 plates)
260673	BD GasPak™ EZ Standard Incubation Container Rack (15–18 plates)
260674	BD GasPak™ EZ Large Incubation Container Rack (30–33 plates)
260630	BD BBL™ GasPak™ Tube Holder
271051	BD BBL™ GasPak™ Dry Anaerobic Indicator Strips (pkg. of 100)
271055	BD GasPak™ CO <sub>2</sub> Indicator Strips (pkg. of 50)
260626	BD BBL™ GasPak™ 100 System
260628	BD BBL™ GasPak™ 150 Large Anaerobic System

**REFERENCES**

1. Brewer, J.H. and D.L. Allgeier. 1966. Disposable hydrogen generator. *Science* 147:1033–1034.
2. Brewer, J.H. and D.L. Allgeier. 1966. Safe self-contained carbon dioxide-hydrogen anaerobic system. *Appl. Microbiol.* 16:848–850.

Technical Information: In the United States contact BD Technical Service and Support at 1.800.638.8663 or www.bd.com.

## Change History

Revision	Date	Change Summary
05	2019-07	Converted printed instructions for use to electronic format and added access information to obtain the document from BD.com/e-labeling.

US Customers only: For symbol glossary, refer to www.bd.com/symbols-glossary



Manufacturer / Производител / Výrobce / Fabrikant / Hersteller / Κατασκευαστής / Fabricante / Tootja / Fabricant / Proizvođač / Gyártó / Fabbricante / Аткарушы / 제조업체 / Gamintojas / Ražotājs / Tilvirker / Producent / Producător / Производитель / Výrobca / Proizvođač / Tillverkare / Üretici / Виробник / 生产厂商



Use by / Използвайте до / Spottebujte do / Brug før / Verwendbar bis / Χρήση έως / Usar antes de / Kasutada enne / Date de péremption / 사용 기한 / Uptrijebiti do / Felhasználhatóság dátuma / Usare entro / Дейін пайдалануға / Naudokite iki / Izlietot līdz / Houdbaar tot / Brukes for / Stosować do / Prazo de validade / A se utiliza până la / Исползовать до / Použite do / Uptrebiti do / Använd före / Son kullanna tarihi / Використати долине / 使用截止日期

YYYY-MM-DD / YYYY-MM (MM = end of month)  
 ГГГГ-ММ-ДД / ГГГГ-ММ (ММ = края на месеца)  
 RRRR-MM-DD / RRRR-MM (MM = koniec miesiąca)  
 AAAA-MM-DD / AAAA-MM (MM = slutning af måned)  
 JJJJ-MM-TT / JJJJ-MM (MM = Monatsende)  
 EEEE-MM-HH / EEEE-MM (MM = τέλος του μήνα)  
 AAAA-MM-DD / AAAA-MM (MM = fin del mes)  
 AAAA-KK-PP / AAAA-KK (KK = kuu lõpp)  
 AAAA-MM-JJ / AAAA-MM (MM = fin du mois)  
 GGGG-MM-DD / GGGG-MM (MM = kraj mjeseca)  
 ÉÉÉÉ-HH-NN / ÉÉÉÉ-HH (HH = hónap utolsó napja)  
 AAAA-MM-GG / AAAA-MM (MM = fine mese)  
 ЖЮЮЖ-АА-КК / ЖЮЮЖ-АА / (АА = айдын соңы)  
 YYYY-MM-DD/YYYY-MM (MM = 월말)  
 MMMM-MM-DD / MMMM-MM (MM = mēnesio pabaiga)  
 GGGG-MM-DD/GGGG-MM (MM = mēneša beigas)  
 JJJJ-MM-DD / JJJJ-MM (MM = einde maand)  
 AAAA-MM-DD / AAAA-MM (MM = slutten av måneden)  
 RRRR-MM-DD / RRRR-MM (MM = koniec miesiąca)  
 AAAA-MM-DD / AAAA-MM (MM = fim do mês)  
 AAAA-LL-ZZ / AAAA-LL (LL = sfârșitul lunii)  
 ГГГГ-ММ-ДД / ГГГГ-ММ (ММ = конец месяца)  
 RRRR-MM-DD / RRRR-MM (MM = koniec miesiąca)  
 GGGG-MM-DD / GGGG-MM (MM = kraj meseca)  
 AAAA-MM-DD / AAAA-MM (MM = slutet av månaden)  
 YYYY-AA-GG / YYYY-AA (AA = аяын соңу)  
 PPPP-MM-DD / PPPP-MM (MM = кінець місяця)  
 YYYY-MM-DD / YYYY-MM (MM = 月末)



Catalog number / Каталоген номер / Katalógové číslo / Katalognummer / Αριθμός καταλόγου / Número de catálogo / Katalooginumber / Numéro catalogue / Kataloški broj / Katalógusszám / Numero di catalogo / Каталог номери / 카탈로그 번호 / Katalog / numeris / Kataloga numurs / Catalogus nummer / Numer katalogowy / Număr de catalog / Номер по каталогу / Katalógové číslo / Kataloški broj / Katalog numarası / Номер за каталогом / 目录号



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In Vitro Diagnostic Medical Device / Медицински уред за диагностика ин витро / Lékařské zařízení určené pro diagnostiku in vitro / In vitro diagnostik medicinsk anordning / Medizinisches In-vitro-Diagnostikum / In vitro бiоγνωστική iατρική συσκευή / Dispositivo médico para diagnóstico in vitro / In vitro diagnostika meditsiniaparatuur / Dispositif médical de diagnostic in vitro / Medicinska romagala za In Vitro Dijagnostiku / In vitro diagnosztikai orvosi eszköz / Dispositivo medicale per diagnostica in vitro / Жасанды жағдайда жүргізетін медициналық диагностика аспабы / In Vitro Diagnostic 의료 기기 / In vitro diagnostikos prietaisais / Medicīnas ierīces, ko lieto in vitro diagnostikā / Medisch hulpmiddel voor in-vitro diagnostiek / In vitro diagnostisk medisinsk utstyr / Urządzenie medyczne do diagnostyki in vitro / Dispositivo médico para diagnóstico in vitro / Dispozitiv medical pentru diagnostic in vitro / Медицинский прибор для диагностики in vitro / Medicinska romôcka na diagnostiku in vitro / Medicinski uređaj za in vitro dijagnostiku / Medicinteknisk produkt för in vitro-diagnostik / In Vitro Dijagnostik Tibbi Cihaz / Медицинский прибор для диагностики in vitro / 体外诊断医疗设备



Temperature limitation / Температурни ограничения / Teplotní omezení / Temperaturbegrænsning / Temperaturbegrenzung / Περιορισμό θερμοκρασίας / Limitación de temperatura / Temperaturri piirang / Limites de température / Dozvoljena temperatura / Hőmérsékleti határ / Limiti di temperatura / Температураны шектеу / 온도 제한 / Laikymo temperatūra / Temperatūras ierobežojumi / Temperaturförmiet / Temperaturbegrensning / Ograniczenie temperatury / Limites de temperatura / Limite de temperatură / Ограничение температуры / Ograničenje teploty / Ograničenje temperature / Temperaturgräns / Sicaklık sinirlaması / Обмеження температури / 温度限制



Batch Code (Lot) / Код на партидата / Kód (číslo) šarže / Batch-kode (lot) / Batch-Code (Charge) / Κωδικός παρτίδας (παρτίδα) / Código de lote (lote) / Partii kood / Numéro de lot / Lot (kod) / Tétel száma (Lot) / Codice batch (lotto) / Топтама коды / 배치 코드(로트) / Partijos numeris (LOT) / Partijas kods (laidiens) / Lot nummer / Batch-kode (parti) / Kod partii (seria) / Código do lote / Cod de serie (Lot) / Код партии (лот) / Kód série (šarža) / Kod serije / Partinummer (Lot) / Parti Kodu (Lot) / Код партії / 批号 (亚批)





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For IVD Performance evaluation only / Само за оценка качеството на работа на работа на IVD / Pouze pro vyhodnocení výkonu IVD / Kun til evaluering af IVD ydelse / Nur für IVD-Leistungsbewertungszwecke / Μόνο για αξιολόγηση απόδοσης IVD / Sólo para la evaluación del rendimiento en diagnóstico in vitro / Ainult IVD seadme hindamiseks / Réserve à l'évaluation des performances IVD / Samo u znanstvene svrhe za in Vitro Dijagnostiku / Kizárolag in vitro diagnosztikához / Solo per valutazione delle prestazioni IVD / Жасанды жағдайда «пробирка ішінде» диагностикада тек жұмысты бағалау үшін / IVD 성능 평가에 대해서만 사용 / Tik IVD prietaisui veikimo charakteristikoms tikrinti / Vienigi IVD darbības novērtēšanai / Uitsluitend voor doeltreffendheidsonderzoek / Kun for evaluering av IVD-ydelse / Tyklo do oceny wydajności IVD / Uso exclusivo para avaliação de IVD / Numai pentru evaluarea performanței IVD / Только для оценки качества диагностики in vitro / Určené iba na diagnostiku in vitro / Samo za procenu učinka u in vitro dijagnostici / Endast för utvärdering av diagnostisk användning in vitro / Yalnızca IVD Performans değerlendirmesi için / Тільки для оцінювання якості діагностики in vitro / 仅限 IVD 性能评估



Lower limit of temperature / Долен лимит на температурата / Dolní hranice teploty / Nedre temperaturgrænse / Temperaturuntergrenze / Κατώτερο όριο θερμοκρασίας / Limite inferior de temperatura / Alumine temperatuuriipiir / Limite inférieure de température / Najnižja dozvoljena temperatura / Alsó hőmérsékleti határ / Limite inferiore di temperatura / Температураның рұқсат шері / 하한 온도 / Žemiausia laikymo temperatūra / Temperatūras zemākā robeža / Laagste temperatuurlimiet / Nedre temperaturgrænse / Dolna granica temperatury / Limite minimo de temperatura / Limitā minimā de temperatura / Нижний предел температуры / Spodná hranica teploty / Donja granica temperature / Nedre temperaturgräns / Sıcaklık alt sınırı / Мінімальна температура / 溫度下限



Control / Контролно / Kontrola / Kontrol / Kontrolle / Μάρτυρας / Kontroll / Contrôle / Controllo / Бақылау / 컨트롤 / Kontrolé / Kontrolle / Controle / Controllo / Контроль / kontrol / 对照



Positive control / Положителен контрол / Pozitivní kontrola / Positiv kontrol / Positive Kontrolle / Θετικός μάρτυρας / Control positivo / Positiivne kontroll / Contrôle positif / Pozitivna kontrola / Pozitiv kontroll / Controllo positivo / Оң бақылау / 양성 컨트롤 / Teigiama kontrolė / Pozitivná kontrola / Positive controle / Kontrola dodatnia / Controllo positivo / Control pozitiv / Положительный контроль / Pozitif kontrol / Позитивний контроль / 阳性对照试剂



Negative control / Отрицателен контрол / Negativní kontrola / Negativ kontrol / Negative Kontrolle / Αρνητικός μάρτυρας / Control negativo / Negatiivne kontroll / Contrôle négatif / Negativna kontrola / Negativ kontroll / Controllo negativo / Негативтік бақылау / 음성 컨트롤 / Neigiama kontrolė / Negativná kontrola / Negatieve controle / Kontrola ujemna / Controllo negativo / Control negativo / Отрицательный контроль / Negatif kontrol / Негативний контроль / 阴性对照试剂



Method of sterilization: ethylene oxide / Метод на стерилизация: етиленов оксид / Způsob sterilizace: etylenoxid / Steriliseringmetode: ethylenoxid / Sterilisationsmethode: Ethylenoxid / Μέθοδος αποστείρωσης: αιθυλενοξείδιο / Método de esterilización: óxido de etileno / Sterilisieringsmethode: etyleenoksid / Méthode de stérilisation : oxyde d'éthylène / Metoda sterilizacije: etilen oksid / Sterilizálás módszere: etilén-oxid / Metodo di sterilizzazione: ossido di etilene / Sterilizacija eticisi – etilen totygy / 소독 방법: 에틸렌옥사이드 / Sterilizavimo būdas: etileno oksidas / Sterilizēšanas metode: etilēnoksidis / Gesteriliseerd met behulp van ethyleenoxide / Steriliseringmetode: etylenoksid / Metoda sterilizacji: tlenek etylu / Método de esterilização: óxido de etileno / Metodă de sterilizare: oxid de etilenă / Метод стерилизации: этиленоксид / Metodă sterilizácie: etylénoxid / Metoda sterilizacije: etilen oksid / Steriliseringmetod: etenoxid / Sterilizasyon yöntemi: etilen oksit / Метод стерилизації: этиленоксидом / 灭菌方法: 环氧乙烷



Method of sterilization: irradiation / Метод на стерилизация: ирадиация / Způsob sterilizace: záření / Steriliseringmetode: bestråling / Sterilisationsmethode: Bestrahlung / Μέθοδος αποστείρωσης: ακτινοβολία / Método de esterilización: irradiación / Sterilisieringsmethode: kiirgus / Méthode de stérilisation : irradiation / Metoda sterilizacije: zračenje / Sterilizálás módszere: besugárzás / Metodo di sterilizzazione: irradiazione / Стерилизация әдісі – сәулелі түсірі / 소독 방법: 방사 / Sterilizavimo būdas: radiacija / Sterilizēšanas metode: apstarošana / Gesteriliseerd met behulp van bestraling / Steriliseringmetode: bestråling / Metoda sterilizacji: promienianie / Método de esterilização: irradiação / Metodă de sterilizare: iradiere / Метод стерилизации: облучение / Metodă sterilizácie: ožiarenie / Metoda sterilizacije: ozračevanje / Steriliseringmetod: strålning / Sterilizasyon yöntemi: ırradyasyon / Метод стерилизації: опроміненням / 灭菌方法: 辐照



Biological Risks / Биологични рискове / Biologická rizika / Biologisk fare / Biogefährdung / Βιολογικοί κίνδυνοι / Riesgos biológicos / Bioloogilised riskid / Risques biologiques / Biološki rizik / Biológiallag veszélyes / Rischio biologico / Биологиялық тәуекелдер / 생물학적 위험 / Biologinis pavojus / Biologisches Risiko / Biologisk risiko / Zagrożenia biologiczne / Perigo biológico / Riscuri biologice / Биологическая опасность / Biologické riziko / Biološki rizici / Biologisk risk / Biyolojik Riskler / Биологічна небезпека / 生物学风险



Caution, consult accompanying documents / Внимание, направете справка в придружаващите документи / Pozor! Prostudujte si příloženou dokumentaci! / Forsigtig, se ledsagende dokumenter / Achtung, Begleitdokumente beachten / Προσοχή, συμβουλευτείτε τα συνοδευτικά έγγραφα / Precaución, consultar la documentación adjunta / Ettevaatus! Lugeda kaasnevat dokumentatsiooni / Attention, consulter les documents joints / Uprozeženje, koristí prateću dokumentaciju / Figyelem! Olvassa el a mellékelt tájékoztatót / Attenzione: consultare la documentazione allegata / Абайлаңыз, тиісті құжаттармен танысыңыз / 주의, 동봉된 설명서 참조 / Dėmesio, žiūrėkite pridedamus dokumentus / Piesardžība, skatīt pavaddokumentus / Voorzichtig, raadpleeg bijgevoegde documenten / Forsiktig, se vedlagte dokumentasjon / Należy zapoznać się z dołączonymi dokumentami / Cuidado, consulte a documentação fornecida / Atenție, consultați documentele însoțitoare / Внимание: см. прилагаемую документацию / Vystraha, pozri sprievodné dokumenty / Pažnja! Pogledajte priložena dokumenta / Obs! Se medföljande dokumentation / Dikkat, bilirlikle verilen belgelere başvurun / Увага: див. супутню документацию / 小心, 请参阅附带文档。



Upper limit of temperature / Горен лимит на температурата / Horní hranice teploty / Øvre temperaturgrænse / Temperaturobergrenze / Ανώτερο όριο θερμοκρασίας / Limite superior de temperatura / Ülemine temperatuuriipiir / Limite supérieure de température / Gornja dozvoljena temperatura / Felső hőmérsékleti határ / Limite superiore di temperatura / Температураның рұқсат етілген жоғарғы шері / 상한 온도 / Aukščiausia laikymo temperatūra / Augšējā temperatūras robeža / Hoogste temperatuurlimiet / Øvre temperaturgrænse / Górná granica temperatury / Limite máximo de temperatura / Limitā maximā de temperatura / Верхний предел температуры / Horná hranica teploty / Gornja granica temperature / Øvre temperaturgräns / Sıcaklık üst sınırı / Максимальна температура / 溫度上限



Keep dry / Пазерте сухо / Skladujte v suchém prostredí / Opbevarer tørt / Trocklagern / Φυλάξτε το στεγνό / Mantener seco / Hoida kuivas / Conserver au sec / Držati na suhom / Száras helyen tartandó / Tenere all'asciutto / Құрғақ күйінде ұста / 건조 상태 유지 / Laikykite sausiai / Uzglabāt sausu / Droog houden / Holdes tørt / Przechowywać w stanie suchym / Manter seco / A se feri de umezeală / Не допускать попадания влаги / Uchovávať v suchu / Držite na suvom mestu / Förvaras tørt / Kuru bir şekilde muhafaza edin / Беретти від вологи / 请保持干燥



Collection time / Време на събиране / Čas odběru / Orsamlingsstidspunkt / Entnahmeuhrzeit / Ωρα συλλογής / Hora de recogida / Kogumisaeg / Heure de prélèvement / Sati prikupljanja / Mintavétel időpontja / Ora di raccolta / Жинау уақыты / 수집 시간 / Paėmimo laikas / Savākšanas laiks / Verzameltijd / Tid pårvetaking / Godzina pobrania / Hora de colheita / Ora colectării / Время сбора / Doba odberu / Vreme prikupljanja / Uppsamlingsstid / Toplama zamanı / Час забору / 采集时间



Peel / Обелете / Otvetejte zde / Äbn / Abziehen / Αποκολλήστε / Desprender / Koorida / Décoller / Otvoriti skini / Húzza le / Staccare / Ўстиңгі қабатын алып таста / 벗기 / Plești čia / Atīmēt / Schillen / Trekk av / Oderwać / Destacar / Se dezlipeste / Отклеить / Odtrhnite / Oljuštiti / Dra isår / Ayırma / Відклеїти / 撕下



Perforation / Перфорация / Perforace / Perforering / Διάρθρωση / Perforación / Perforatsioon / Perforacija / Perforálás / Perforazione / Tecik tecy / 절취선 / Perforacija / Perforácija / Perforatie / Perforacja / Perfuração / Perforare / Перфорация / Perforácia / Perforasyon / Перфорация / 穿孔



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Keep away from heat / Пазете от топлина / Nevystavujte přilísnému teplu / Må ikke udsættes for varme / Vor Wärme schützen / Κρατήστε το μακριά από τη θερμότητα / Mantener alejado de fuentes de calor / Hoida eemal valgusest / Protéger de la chaleur / Držati dalje od izvora topline / Óvja a melegtől / Tenere lontano dal calore / Салқын жерде сақта / 열을 피해야 함 / Laikyti atokiau nuo šilumos šaltinių / Sargāt no karstuma / Beschermen tegen warmte / Må ikke utsettes for varme / Przechowywać z dala od źródeł ciepła / Manter ao abrigo do calor / A se feri de căldură / He награвать / Uchovávať mimo zdroja tepla / Držite dalje od toplote / Får ej utsättas för värme / Isidan uzak tutun / Беретти від дії тепла / 请远离热源



Cut / Срежете / Odstrihnite / Klip / Schneiden / Κόψτε / Cortar / Lõigata / Découper / Rezi / Vágja ki / Tagliare / Кесіңіз / 잘라내기 / Kirpti / Nogriez / Knippen / Kutt / Odciąć / Cortar / Decupați / Отрезать / Odstrihnite / Iseći / Klipp / Kesme / Pozpizati / 剪下



Collection date / Дата на събиране / Datum odběru / Opsamlingsdato / Entnahmedatum / Ημερομηνία συλλογής / Fecha de recogida / Kogumiskupäev / Date de prélèvement / Dani prikupljanja / Mintavétel dátuma / Data di raccolta / Жинаган тизбекүні / 수집 날짜 / Paémimo data / Savākšanas datums / Verzameldatum / Dato prøvetaking / Data pobrania / Data de colheita / Data colectării / Дата сбора / Dátum odberu / Datum prikupljanja / Uppsamlingsdatum / Toplama tarihi / Дата забору / 采集日期



µL/test / µL/тест / µL/Тест / µL/εξέταση / µL/prueba / µL/teszt / µL/테스트 / мкл/тест / µL/tyrimas / µL/pārbaude / µL/teste / мкл/анализ / µL/檢測



Keep away from light / Пазете от светлина / Nevystavujte světlu / Må ikke udsættes for lys / Vor Licht schützen / Κρατήστε το μακριά από το φως / Mantener alejado de la luz / Hoida eemal valgusest / Conserver à l'abri de la lumière / Držati dalje od svjetla / Fény nem érheti / Tenere al riparo dalla luce / Қараңғыланған жерде ұста / 빛을 피해야 함 / Laikyti atokiau nuo šilumos šaltinių / Sargāt no gaisma / Niet blootstellen aan zonlicht / Må ikke utsettes for lys / Przechowywać z dala od źródeł światła / Manter ao abrigo da luz / Feriți de lumină / Хранить в темноте / Uchovávať mimo dosahu svetla / Držite dalje od svetlosti / Får ej utsättas för ljus / Isiktan uzak tutun / Беретти від дії світла / 请远离光线



H<sub>2</sub> Hydrogen gas generated / Образуван е водород газ / Možnost úniku plynného vodíku / Frembringer hydrogengas / Wasserstoffgas erzeugt / Δημιουργία αερίου υδρογόνου / Producción de gas de hidrógeno / Vesinikgaasi tekitatud / Produit de l'hydrogène gazeux / Sadrží hydrogen vodík / Hidrogén gázt fejleszt / Produzione di gas idrogeno / Газтекес сутегі пайда болды / 수소 가스 생성됨 / Išskiria vandenilio dujas / Rodas vandeninis / Waterstofgas gegenereerd / Hydrogengass generert / Powoduje powstawanie wodoru / Produção de gás de hidrogénio / Generare gaz de hidrogen / Выделение водорода / Vyrobené použitím vodíka / Oslobada se vodonik / Genererad vätegas / Açığa çıkan hidrojen gazı / Реакция з виділенням водню / 会产生氢气



Patient ID number / ИД номер на пациента / ID pacienta / Patientens ID-nummer / Patienten-ID / Αριθμός αναγνώρισης ασθενούς / Número de ID del paciente / Patsiendi ID / No d'identification du patient / Identifikacijski broj pacijenta / Beteg azonosító száma / Numero ID paziente / Пациенттің идентификациялық нөмірі / 환자 ID 번호 / Paciento identifikavimo numeris / Pacienta ID numurs / Identificatienummer van de patiënt / Pasientens ID-nummer / Numer ID pacienta / Número da ID do doente / Număr ID pacient / Идентификационный номер пациента / Identifikačné číslo pacienta / ID broj pacijenta / Patientnummer / Hasta kimlik numarası / Идентификатор пациента / 患者标识号



Fragile, Handle with Care / Чупливо, Работете с необходимото внимание. / Křehké. Při manipulaci postupujte opatrně. / Forsiktig, kan gå i stykker. / Zerbrechlich, vorsichtig handhaben. / Ευθραστο. Χειριστείτε το με προσοχή. / Frágil. Manipular con cuidado. / Öm, käsitlege ettevaatlikult. / Fragile. Manipuler avec précaution. / Lomljivo, rukujte pažljivo. / Törékeny! Óvatosan kezelendő. / Fragile, maneggiare con cura. / Сынгыш, абайлап пайдаланыңыз. / 조심 깨지기 쉬운 처리 / Trahu, elkítés alsargjai. / Trausis; rīkoties uzmanīgi / Breekbaar, voorzichtig behandelen. / Ømtålig, håndter forsiktig. / Krucha zawartość, przenosić ostrożnie. / Frágil, Manuseie com Cuidado. / Fragil, manipulați cu atenție. / Хрупкое! Обращаться с осторожностью. / Krehké, vyžaduje sa opatrná manipulácia. / Lomljivo - rukujte pažljivo. / Bräckligt. Hantera försiktigt. / Kolay Kırılır, Dikkatli Taşıyın. / Тендітна, звертається з обережністю / 易碎, 小心轻放

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