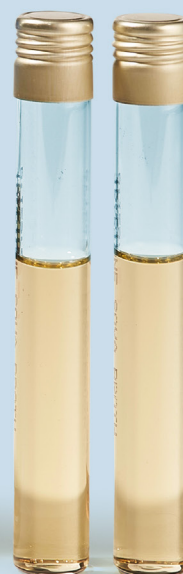


Ready-Made Media for Microbiology



- ROTI®DipSlides
- Ready-to-use Liquid Nutrient Media
- CompactDry™
- ROTI®ContiPlates
- ROTI®Aquatest Plates



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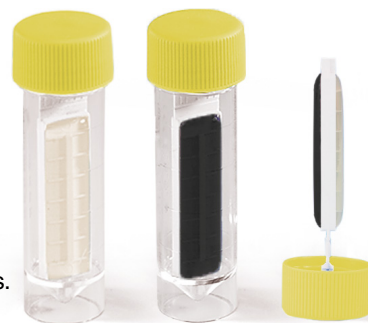
ROTI®DipSlides

ROTI®DipSlides

Ready-made media, Contact agar

Sterile dip slides with solid culture medium for easy microbiological analysis of solutions and surfaces.

Tried-and-tested media in a new look – Now with optimised plastic carriers!



ROTI®DipSlides are made of a flexible plastic tongue which is coated with solid culture medium on both sides. Following dipping into the solution to be tested or inoculation by pressing to a surface, the slide is placed back into the sterile tube and incubated. Total area for analysis is 11,44 cm² per side.

Tube Ø: 2,9 cm.

Large quantity orders are freshly produced.

Hence, longer delivery times may occur.

- **2 in 1:** Immersion culture media and impression agar
- Easy to use
- Reliable assay and easy interpretation
- Suitable for determining the microbiological contamination and for hygiene controls in a variety of domains
- Including detailed instructions-for-use
- Lagertemperatur: +4 bis +15 °C
- Transport temperature: cooled

ROTI®DipSlide MacCon/Cetr

ISO 11133, ready-to-use, sterile, for microbiology

For detection of enterobacteria like salmonellae or shigellae and pseudomonads in liquids or on surfaces.

Side 1 (MacCon): MacConkey Agar (Ph. Eur., ISO 21567)

(Art. No. X922) for detection of enterobacteria/coliforms like salmonellae or shigellae.

Side 2 (Cetr): Cetrimide Agar (Ph. Eur., ISO 22717)

(Art. No. X918) for detection of pseudomonads.

Art. No.	Pack Qty.	Pack.
8045.1	20 unit(s)	box

ROTI®DipSlide D/Enneutral

ISO 11133, ready-to-use, sterile, for microbiology

For total germ count on surface after disinfection.

For hygiene monitoring. Contains 5 neutralizers.

Both sides (D/Enneutral): D/E neutralizing Agar

(Art. No. 8850) for total germ count after disinfection.

For hygiene monitoring.

Art. No.	Pack Qty.	Pack.
8023.1	20 unit(s)	box

ROTI®DipSlide PCA/TSA-Letheen

ISO 11133, ready-to-use, sterile, for microbiology

For total germ count in liquids or on surfaces. Suitable for analysis of cosmetics and of preservative containing products or after disinfection. Contains two neutralizers.

Side 1 (PCA): Plate Count Agar (acc. to APHA, ISO 4833:2003) (Art. No. X930) for total germ count.

Side 2 (TSA-Letheen): CASO Agar with Lecithin/Polysorbate 80 (Art. No. 8848) for detection of microorganisms from cosmetics and disinfected surfaces.

Art. No.	Pack Qty.	Pack.
8715.1	20 unit(s)	box

ROTI®DipSlide CASO-TTC/RBCenr is suitable for analysis of **water-mixable cooling lubricants, air conditions, water-soluble paint, and cosmetics.**

ROTI®DipSlide CASO-TTC/RBCenr

ISO 11133, ready-to-use, sterile, for microbiology

For total germ count and for detection of yeasts and moulds in solution or on surface. Suitable for analysis of water-mixable cooling lubricants, air conditions, water-soluble paint, and cosmetics.

Side 1 (CASO-TTC): Tryptic Soy Agar (CASO) (Ph. Eur.)

(Art. No. X937) for reliable total germ count.

Side 2 (RBCenr): enriched Bengal Red Agar (with antibiotics) for detection of yeasts and moulds.

Art. No.	Pack Qty.	Pack.
3934.1	20 unit(s)	box

ROTI®DipSlide PCA/Legionella is suitable for supervision of units for heating of drinking water (Drinking Water Regulations), for surveillance of ventilation and air conditioning (VDI Guideline 6022), as well as for monitoring of the microbiological status of evaporative cooling systems (VDI Guideline 2047).

ROTI®DipSlide PCA/Legionella

ISO 11133, ready-to-use, sterile, for microbiology

For total germ count and for detection of legionells in solution or on surface.

Side 1 (PCA): Plate Count Agar (acc. to APHA, ISO 4833:2003) (Art. No. X930) for total germ count.

Side 2 (Legionella): Legionella Agar (acc. to ISO 11731-2) (Art. No. CL48) for selective detection of legionells.

Art. No.	Pack Qty.	Pack.
2493.1	20 unit(s)	box

► Further information on [Ready-made media](#) can be found in the current catalog or at www.carlroth.com

ROTI®DipSlides

ROTI®DipSlide PCA/RBCplus

ISO 11133, ready-to-use, sterile, for microbiology

For total germ count and for detection of yeasts and moulds in liquids or on surfaces.

Side 1 (PCA): Plate Count Agar (acc. to APHA, ISO 4833:2003) (Art. No. X930) for total germ count.

Side 2 (RBCplus): Bengal Red Agar (with chloroamphenicol) (Art. No. AE24) for detection of yeasts and moulds.

Art. No.	Pack Qty.	Pack.	€
2926.1	20 unit(s)	box	L-2926.1

ROTI®DipSlide Nutrient-TTC

ISO 11133, ready-to-use, sterile, for microbiology

For total germ count in liquids or on surfaces.

Side 1 (Nutrient): Nutrient agar for total germ count.

Side 2 (Nutrient-TTC): Nutrient agar with TTC for reliable detection of all living micro-organisms by formazan caused staining (red) of all colonies.

Art. No.	Pack Qty.	Pack.
2837.1	20 unit(s)	box

ROTI®DipSlide Sab4plus

ISO 11133, ready-to-use, sterile, for microbiology

For detection of yeasts and moulds in liquids or on surfaces.

Both sides (Sab4plus): Sabouraud 4 % Glucose Agar (with chloroamphenicol) (Art. No. X933) for detection of yeasts and moulds.

Art. No.	Pack Qty.	Pack.
2956.1	20 unit(s)	box

ROTI®DipSlide PCA/VRBD

ISO 11133, ready-to-use, sterile, for microbiology

For total germ count and for detection of enterobacteria in liquids or on surfaces.

Side 1 (PCA): Plate Count Agar (acc. to APHA, ISO 4833:2003) (Art. No. X930) for total germ count.

Side 2 (VRBD): Violet Red Bile Agar with Glucose (Ph. Eur., ISO 21528) (Art. No. X939) for detection of enterobacteria.

Art. No.	Pack Qty.	Pack.
2924.1	20 unit(s)	box



For easy interpretation of results, use the following table:

No. of colonies	Result	Interpretation
0	Negative	No contamination
1–10	Weakly positive	Weak contamination
11–20	Positive	Low contamination
21–100	Strongly positive	High contamination
>100	Highly positive	Very high contamination

Detection limit is 10² cfu/ml solution assayed.
For detailed instructions on interpretation see instruction-for-use.

ROTI®DipSlide CLED/MacCon

ISO 11133, ready-to-use, sterile, for microbiology

For detection of bacteria of the urinary tract and of enterobacteria/Coliforms in liquids or on surfaces.

Side 1 (CLED): CLED Agar (Art. No. 2835) for detection of bacteria of the urinary tract.

Side 2 (MacCon): MacConkey-Agar (Ph. Eur., ISO 21567) (Art. No. X922) for detection of enterobacteria/Coliforms.

Art. No.	Pack Qty.	Pack.
2957.1	20 unit(s)	box

ROTI®DipSlide PCA/VRB

ISO 11133, ready-to-use, sterile, for microbiology

For total germ count and for detection of Coliforms in liquids or on surfaces.

Side 1 (PCA): Plate Count Agar (acc. to APHA, ISO 4833:2003) (Art. No. X930) for total germ count.

Side 2 (VRB): Violet Red Bile Agar with Lactose (ISO 4832) (Art. No. X940) for detection of Coliforms.

Art. No.	Pack Qty.	Pack.
2925.1	20 unit(s)	box

Important information on refrigerated transports

All products identified as being particularly temperature-sensitive are shipped in **special ice boxes with freezer packs or in dry ice.**

Additional costs resulting from such, **will be invoiced** (further information on request).

Please note: In order to guarantee optimum product quality, the dispatch of refrigerated transport products will be carried out **on Mon and Tue only outside Germany!**

Slight delays in delivery are therefore possible.

Ready-to-use Liquid Nutrient Media

- Ready-to-use, sterile liquid culture media for simple microbiological examinations
- Made from our proven dehydrated nutrient media
- Individually applicable - packed in different package sizes
- With detailed instructions for use



NEW **S** **ready-to-use**

Product name	Purity	General application	Packaging	Art. No.	Pack Qty.
CASO Broth	Ph. Eur., USP, ISO 10273, for microbiology	For the cultivation of fastidious and undemanding microorganisms.	20 x 9 ml	1L83.1	180 ml
			10 x 90 ml	1L83.2	900 ml
			10 x 100 ml	1L83.3	1 l
D/E Neutralisation buffer	for microbiology	For detection and enumeration of microorganisms from a sanitized environment.	10 x 100 ml	1L8A.1	1 l
Fraser Half Broth	ISO 11290, for microbiology	Enrichment medium for detection and isolation of <i>Listeria</i> in foods and environmental samples.	20 x 9 ml	1L86.1	180 ml
			10 x 225 ml	1L86.2	2.25 l
Lethen Broth modified	for microbiology	For microbiological analyses of cosmetics, and samples containing disinfectants or preservatives.	20 x 9 ml	1L85.1	180 ml
			10 x 90 ml	1L85.2	900 ml
MacConkey Broth	Ph. Eur., USP, for microbiology	For detection of coliform bacteria in water, milk and other liquids.	20 x 9 ml	1L87.1	180 ml
			10 x 100 ml	1L87.2	1 l
Maximum Recovery Solution	ISO 6887, ISO 8199, ISO 22718, for microbiology	For homogenization and dilution of microbiological samples.	20 x 9 ml	1L84.1	180 ml
			10 x 90 ml	1L84.2	900 ml
Peptone Water, buffered	ISO 6579, ISO 6887, ISO 22964, for microbiology	For homogenising food and preparing samples for microbiological analyses.	20 x 9 ml	1L8H.1	180 ml
			10 x 90 ml	1L8H.2	900 ml
			10 x 100 ml	1L8H.3	1 l
Peptone Water 0.1%, buffered	Ph. Eur., USP, for microbiology	For homogenising food and preparing samples for microbiological analyses.	20 x 9 ml	1L8E.1	180 ml
			10 x 90 ml	1L8E.2	900 ml
			10 x 100 ml	1L8E.3	1 l
Ringer solution 1/4	ISO 8199, ISO 10718, for microbiology	Isotonic solution for cell suspensions according to ISO standards.	20 x 9 ml	1L88.1	180 ml
Sabouraud 2 % Glucose Broth	Ph. Eur., for microbiology	Selective medium for the taxonomic study of pathogenic fungi.	20 x 9 ml	1L89.1	180 ml
			10 x 100 ml	1L89.2	1 l
Thioglycolate Broth	Ph. Eur., USP, ISO 7937, for microbiology	For the detection of microorganisms in sterility tests.	20 x 9 ml	1L8C.1	180 ml
			10 x 100 ml	1L8C.2	1 l

For additional product data and safety information, see our current catalogue or at www.carlroth.com



CompactDry™

Compact Dry Ready-Made Plates

By NISSUI

Dry ready-made plates for easy microbiological analysis of solutions and compact samples



- Simple and safe to use
- Safely non-slip stackable
- Easy interpretation due to chromogenic additives and 1 x 1 cm grid
- Storage and transport at room temperature
- With detailed instruction-for-use
- Suitable for the control of foods and feeds, cosmetics and pharmaceutical samples, for hygiene monitoring and contamination control, for schooling and student's courses

CompactDry™ plates are suitable for detection and enumeration of microorganisms from foods and feeds, cosmetics and pharmaceutical samples, as well as for hygiene monitoring and contamination control in food-producing areas. Due to the chromogenic additives, colonies depict specific colouring, making them easy to interpret.

CompactDry™ plates are easy and safe to handle. Due to storage at room temperature, they may be used even on site. One millilitre of the sample to be analysed is applied onto the sterile plate surface, spreading itself evenly over the plate during rehydration of the medium. Dry sample matter is homogenised and solubilised using the CompactDry™ Dilution Rack prior to plate inoculation. By using the CompactDry™ swab it is also possible to test surfaces.



Growth area is 20 cm². Inner Ø 47 mm.

Product name	General application	Art. No.	Pack Qty.
CompactDry™ CF	Ready-made plates with anhydrous chromogenic nutrient medium for detection of coliforms.	4827.1	40 unit(s)
		4827.2	240 unit(s)
CompactDry™ EC	Ready-made plates with anhydrous chromogenic nutrient medium for detection of coliforms in general, particularly <i>E. coli</i> .	4826.1	40 unit(s)
		4826.3	120 unit(s)
		4826.2	240 unit(s)
		4828.3	8 unit(s)
CompactDry™ ETB	Ready-made plates with anhydrous chromogenic nutrient medium for detection of enterobacteriaceae.	4828.1	40 unit(s)
		4828.2	240 unit(s)
CompactDry™ PA	Ready-to-use plates with dried chromogenic culture medium for the detection of <i>Pseudomonas aeruginosa</i> .	1L17.1	40 unit(s)
		1L17.2	240 unit(s)
CompactDry™ SL	Ready-made plates with anhydrous chromogenic nutrient medium for detection of salmonellae.	4817.1	40 unit(s)
		4817.2	240 unit(s)
CompactDry™ TC	Ready-made plates with anhydrous chromogenic nutrient medium for total germ count.	4816.3	8 unit(s)
		4816.1	40 unit(s)
		4816.2	240 unit(s)
CompactDry™ X-BC	Ready-made plates with anhydrous chromogenic nutrient medium for detection of <i>Bacillus cereus</i> .	1070.1	40 unit(s)
		1070.2	240 unit(s)
CompactDry™ X-SA	Ready-made plates with anhydrous chromogenic nutrient medium for detection of <i>Staphylococcus aureus</i> .	1087.1	40 unit(s)
		1087.2	240 unit(s)
CompactDry™ YM	Ready-made plates with anhydrous chromogenic nutrient medium for detection of yeasts and moulds.	4818.3	8 unit(s)
		4818.1	40 unit(s)
		4818.2	240 unit(s)

For additional product data and safety information, see our current catalogue or at www.carlroth.com

ROTI®ContiPlates - Contact Plates

Sterile culture medium contact plates for the microbiological analysis of surfaces.

- Diameter 60 mm
- Surface 28 cm²
- Very easy to use
- Domed agar surface optimal for testing specimen surfaces
- Prepared with our proven dehydrated nutrient media mixtures
- Easy evaluation due to grid on the bottom of the panel
- With detailed instructions-for-use

ROTI®ContiPlates are culture media plates with a diameter of 60 mm. The domed agar surface is especially suitable for analyzing the microbiological status of surfaces. In the box, each 6 plates are packaged in a blister in discrete compartments. Thus, the sterile plates can be obtained individually.

The plate is gently pressed onto the surface for some seconds. Afterwards the plate is closed with the lid and incubated. The grid on the bottom of the plate helps interpreting the results.



ROTI®ContiPlate PCA ready-to-use, sterile, for microbiology

For total germ count on surfaces.
The Plate Count Agar (Art. No. X930) is recommended by APHA and ISO 4833 for total germ count.

Art. No.	Pack Qty.	Pack.
9630.1	30 unit(s)	box

ROTI®ContiPlate VRBD ISO 11133, ready-to-use, sterile, for microbiology

For detection of enterobacteria on surfaces.
The Violet Red Bile Agar with Glucose (Art. No. X939) is recommended by Pharm. Eur. and ISO 21528 for enumeration of enterobacteria.

Art. No.	Pack Qty.	Pack.
9631.1	30 unit(s)	box

ROTI®ContiPlate RBC ready-to-use, sterile, for microbiology

For counting yeasts and moulds on surfaces.
The Bengal Red Agar (with chloroamphenicol) (Art. No. AE24) is recommended for enumeration of yeasts and moulds.

Art. No.	Pack Qty.	Pack.
9632.1	30 unit(s)	box

ROTI®ContiPlate Sab4plus ready-to-use, sterile, for microbiology

For selective detection of yeasts and pathogenic fungi on surfaces.
The Sabouraud 4 % Glucose Agar (with chloroamphenicol) (Art. No. X933) is recommended for selective isolation of yeasts and pathogenic fungi.

Art. No.	Pack Qty.	Pack.
9633.1	30 unit(s)	box

ROTI®ContiPlate TSA-Lethen ready-to-use, sterile, for microbiology

For detection of microorganisms on disinfected surfaces.
The TSA-Lethen Agar (Art. No. 8848) is recommended for detection of microorganisms in presence of preservatives or after disinfection.

Warning H319

Art. No.	Pack Qty.	Pack.
9634.1	30 unit(s)	box

ROTI®ContiPlate TSA ready-to-use, sterile, for microbiology

For total germ count on surfaces.
The CASO Agar (Art. No. X937) is certified according to Pharm. Eur. is suitable for determining the total bacterial count.

Art. No.	Pack Qty.	Pack.
2312.1	30 unit(s)	box

ROTI®ContiPlate MacCon ready-to-use, sterile, for microbiology

For detection of enterobacteria on surfaces.
The MacConkey Agar (Art. No. X922) is certified according to Pharm. Eur. and ISO 21567 for the analysis of Enterobacteria.

Art. No.	Pack Qty.	Pack.
2313.1	30 unit(s)	box

ROTI®ContiPlate VRB ready-to-use, sterile, for microbiology

For detection of coliforms on surfaces.
The violet red bile lactose agar (VRB, Art. No. X940) is suitable for the examination of coliforms according to ISO 4832.

Art. No.	Pack Qty.	Pack.
2314.1	30 unit(s)	box

Refrigerated transport, subject to a charge!

For detailed information see catalogue and at www.carlroth.com

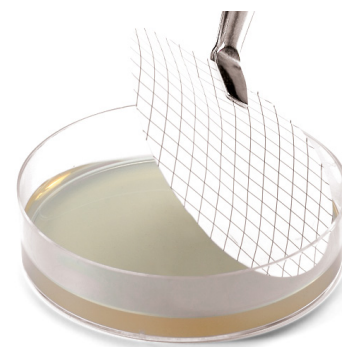
ROTI®Aquatest Plates

Sterile culture medium plates for the microbiological analysis of liquid samples.



Sterile culture medium plates for the microbiological analysis of liquid samples.

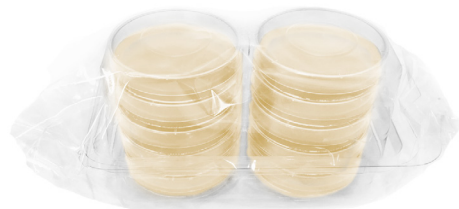
- Diameter 55 mm
- Surface 24 cm²
- Easy to use
- Optimal for the membrane filtration method
- Also well applicable for microbiological analysis of samples in general
- Prepared with our proven dehydrated nutrient media mixtures
- With detailed instructions-for-use



ROTI®Aquatest Plates are prepared culture media plates with a diameter of 55 mm. They are thus adapted to the size of membrane filters for assaying of low-germ fluids by membrane filtration method. They are also applicable for the microbiological analysis of samples in general.

The germs of expected low-germ liquid samples are concentrated by membrane filtration. Afterwards, the membrane is placed on top of the medium and incubated. Using a membrane with a grid helps counting the resulting colonies.

Samples which are expected to have a higher microbiological burden are prepared in a serial dilution. Afterwards, every dilution step is plated and incubated. The number of grown colonies is noted as result.



ROTI®Aquatest Plate PCA APHA, ISO 4833, ready-to-use, sterile, for microbiology

For enumeration of the aerobic microbial flora.

The Plate Count Agar (Art. No. X930) is recommended by APHA and ISO 4833 for total germ count.

Art. No.	Pack Qty.	Pack.
9640.1	30 unit(s)	box

ROTI®Aquatest Plate YE DEV, ISO 6222, ready-to-use, sterile, for microbiology

For enumeration of microorganisms in general, e. g. bacteria, moulds or yeast.

The Yeast Extract Agar (Art. No. CP63) is recommended for enumeration of microorganisms in general.

Art. No.	Pack Qty.	Pack.
9642.1	30 unit(s)	box

Our tip for most simple **filtration and microbiological analysis of liquids:**

Bottle-top filter holders **KA90.1**

+ Cellulose mixed ester (CME) membrane filters **NH80.1** (non-sterile)

+ Screw neck bottles DURAN®-pressure plus (e. g. 1 Litre, **H995.1**)

- Apply membrane to filter holder
- Screw filter holder onto bottle
- Optional: Wrap whole construct in aluminum foil
- Steam sterilize
- Ready-for-use (or ready-for-store)

ROTI®Aquatest Plate Sab4 Ph. Eur., ready-to-use, sterile, for microbiology

For cultivation of yeasts and fungi.

The Sabouraud 4 % Glucose Agar (Art. No. X932) is recommended by the Ph. Eur. for cultivation of yeasts like *Candida albicans* and moulds.

Art. No.	Pack Qty.	Pack.
9643.1	30 unit(s)	box

ROTI®Aquatest Plates

Sterile culture medium plates for the microbiological analysis of liquid samples.

  **ready-to-use**

ROTI®Aquatest Plate R2A

Ph. Eur., ready-to-use, sterile, for microbiology

For enumeration of heterotrophic bacteria.

The R2A Agar (Art. No. CL01) is recommended by the Ph. Eur. for enumeration of heterotrophic bacteria.

Art. No.	Pack Qty.	Pack.
9644.1	30 unit(s)	box

Instructions for use

can be found in our webshop in the product description under "Downloads".

ROTI®Aquatest Plate Cetr

Ph. Eur., ready-to-use, sterile, for microbiology

For isolation of *Pseudomonas aeruginosa*.

The Cetrimide Agar (Art. No. X918) is recommended by the Ph. Eur. for isolation of *Pseudomonas aeruginosa*.

 **Warning H400**

Art. No.	Pack Qty.	Pack.
9646.1	30 unit(s)	box

ROTI®Aquatest Plate Staph

Ph. Eur., ready-to-use, sterile, for microbiology

For isolation of pathogenic staphylococci.

The Mannitol Salt Agar (Chapman Agar) (Art. No. CL81) is recommended by the Ph. Eur. for isolation of pathogenic staphylococci.

Art. No.	Pack Qty.	Pack.
9650.1	30 unit(s)	box

ROTI®Aquatest Plate BEA

ISO 7899-2, ISO 11133, ready-to-use, sterile, for microbiology

Selective medium for isolation and identification of enterococci.

Bile Esculin Azide Agar is a modification of Bile Esculin Agar with a reduction of the bile concentration and the addition of sodium azide.

This medium is more selective but still provides rapid growth and efficient recovery of enterococci.

Art. No.	Pack Qty.	Pack.
1N13.1	30 unit(s)	box

ROTI®Aquatest Plate TSC

ISO 7937, ISO 11133, ISO 14189, ready-to-use, sterile, for microbiology

Selective medium for isolation and identification of *Clostridium perfringens*.

This agar is a modification of the classical TSN Agar in which the traditional antibiotics, polymyxin and neomycin have been replaced by cycloserine.

Art. No.	Pack Qty.	Pack.
1N14.1	30 unit(s)	box

Refrigerated transport, subject to a charge! 

For detailed information see catalogue and at www.carlroth.com

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