

Available Agar Strips

Unselective

Cat.No.	Name	Description
941105	TC	Total count Tryptic Soy Agar
941135	TSM	Total count Tryptic Soy Agar modified for increased sensitivity
941115	TC- γ	Gamma-irradiated Tryptic Soy Agar
941125	TCl- γ	Gamma-irradiated Total count Tryptic Soy Agar with neutralizers for disinfectants and H ₂ O ₂

Selective

Cat. No.	Name	Description
941205	SDX	Sabouraud Dextrose Agar (for yeasts and molds) – growth spreading not restricted
941215	SDX- γ	Gamma-irradiated modified SDX
941225	DG 18	Dichloran Glycerol-18 Agar (for xerophile yeasts and molds) – growth spreading restricted
941705	PEN	Total count in penicillin containing air, Tryptic Soy Agar with Penase
941196	YM	Rose Bengal Agar for yeasts and molds – restricts (not inhibits) growth
941505	C	MacConkey Agar coliform bacteria (gram negative)
941405	S	Manitol Salt Agar for Staphylococci (gram positive)
941605	Kit	Empty strips for self filling

Agar Strips – Packaging

- Standard Agar Strips are packaged 50 per box, certificate of analysis is included
- Irradiated products are double wrapped in five packages of eight, certificate of analysis is included

Benefits for endusers using γ -irradiated products

100 % Sterile!

- Specifically designed for applications within an Isolator, glove box or cleanroom environment
- Single units can be gas-sterilized
- Double packaging allows for easy transfer into critical environments



898941140

Distribution:

Biotest AG
Landsteinerstr. 5
D-63303 Dreieich
Postfach 10 20 40
D-63266 Dreieich

Tel. +49 (0) 6103 801-0
Fax +49 (0) 6103 801-140
www.biotest.de
hycon@biotest.de

 **Biotest**
From Nature for Life

 **Biotest**
From Nature for Life

Biotest HYCON

Agar Strips for the
RCS Microbial Air Samplers



Agar Strips for the RCS Microbial Air Samplers

The Biotest Agar Strips are easily loaded into the rotor of the RCS High Flow, Isolator, Plus and Standard Microbial Air Samplers.

Each is individually enclosed in a PET plastic, making them not only easy to open but economical as well.

In addition they can be securely closed in order to prevent secondary contamination.

The Agar Strip packaging is composed of a plastic holder with grids filled with 11 g of a specific solid agar medium. The composition of the agar is in accordance

with the Pharmacopeia standards, providing confidence in your final results.

All agar media is validated with the RCS Microbial Air Sampler according to ISO regulations. It is the only closed system which meets this strict evaluation.

Agar Strip Features

Individually sealed Agar Strips

- Reduces agar desiccation
- Prevents secondary contamination
- Minimizes waste
- Enables a simple feed into the rotor of the air sampling device
- Easy to store and transport

Storage from 2 ° – 25 °C (except PEN, C and S)

- Reduces condensation
- Includes storage at room temperature
 - i. Pre-warming before use is not necessary
 - ii. Reduced need for refrigerated storage areas
- Agar strips can be stored in various locations reducing transportation concerns

Extended shelf life up to 6 months (YM up to 7 months) from date of manufacture

PET Material Packaging

- Material is clear for easy view of the growing CFU's
- Opening is very easy, yet secure
- Free of halogenides for better waste management



TCI-γ Special agar media for Isolator monitoring: For secure and valid monitoring

After cleaning or gassing an Isolator or Glove Box, residual traces of disinfectants and H₂O₂ are absorbed into the culture media, inhibiting any microbial growth. Consequently, after gassing, the system must be ventilated for a long period of time in order to remove all traces. Even after venting, up to 1 ppm of H₂O₂

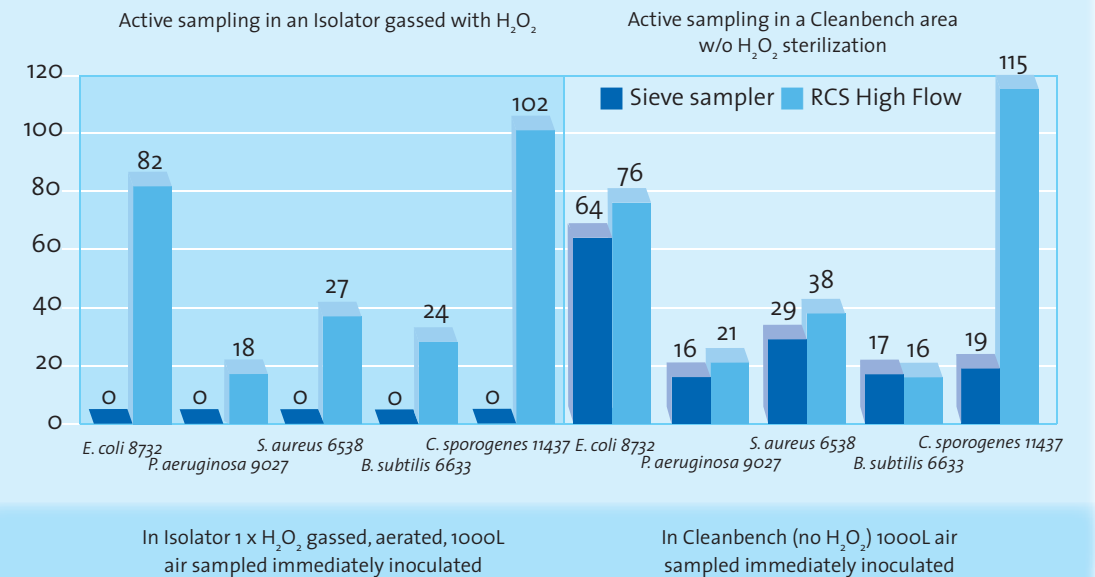
can accumulate in the aqueous phase of the agar producing false negatives. This increase the costs associated with active sampling, such as time and money!

This can be avoided by using the Biotest TCI-γ Agar Strips (patented formula) which are supplemented with neutralizers for peroxide traces.



Active air sampling evaluations using the TCI-γ Agar Strips within a Cleanbench provided similar microbial recovery to TSM Agar Strips used in non-gassed environments. In addition comparative evaluations between the RCS High Flow and sieve samplers indicated that TCI-γ prevents the occurrence of false negatives in an Isolator after one H₂O₂ gassing cycle.

RCS High Flow with TCI-γ Agar Strips compared to a sieve sampler using Isolator Packaged TSA media.



TCI-γ Agar Strip

- Irradiated agar media for total count with special supplements and vitamins for optimal microbial growth and for neutralization of peroxides.
- Neutralizes up to 5000 ppm H₂O₂
- Can be used immediately after a short Isolator aeration
- Standard environmental flora grow well
- Best growth medium for anaerobic microorganisms such as *Clostridium*
- Able to resist agar desiccation associated with sampling large volumes of air and compressed gasses.
- Validated according to ISO regulations
- In comparison to filter and sieve sampling technology under Isolator conditions, the results are superior.