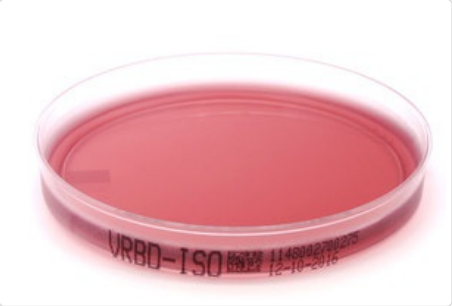
Kristallviolett-Neutralrot-Galle-Gluc.-A. VRBD-ISO (VRBD-ISO)

According to ISO 21528

Shorthand symbol:	VRBD-ISO
Item number:	40-1148
Format:	Petri Dish, 90mm
Colour:	Violet, transparent
Storage conditions:	Dry, in closed bag at 4 – 10°C.
Shelf-life:	6 Months
pH:	7.4 ± 0.2 at 25°C



Intented use and fields of application

Violet Red Bile Dextrose Agar (VRBD) medium is for the detection and enumeration of bile-tolerant gram negative bacteria from foods such as milk and dairy products, egg products and animal carcasses. Moreover VRBD Agar is used for the detection of Enterobacterieceae in meat and dairy products.

Typical composition in g/l

in g per 1 Litre nutrient medium	
Yeast Extract	3
Pancreatic-digest of gelatine peptone	7
Bile salts	1.5
Sodium chloride	5
Glucose monohydrate	10
Neutral red	0.03
Crystal Violet	0.002
Agar	15

*Adjusted as required to meet performance standards

Xebios Diagnostics GmbH
Telleringstraße 49 | D-40597 Düsseldorf
T. +49 (0) 211 78 88 07 - 00
E. info@xebios.com

Microbiological quality control

The Microbiological Performance Test is carried out in accordance with the requirements of ISO 11133:2014.

Productivity
Incubation conditions: 24±2 hours at 37±1°C; Inoculum concentration: Target Organisms: 80–120 CFU

Organism	Type Strain	Specification	Colony morphology
Salmonella enterica ssp. Abony	NCTC 6017/WDCM 00029	50–130 %	Pinkish red colonies with no odour or precipitate
Escherichia coli	ATCC 8739/WDCM 00012	50–130 %	Pinkish red colonies with no odour or precipitate

Selectivity
Incubation conditions: 24±2 hours at 37±1°C; Inoculum concentration: 10.000–1.000.000 CFU

Organism	Type Strain	Specification	Colony morphology
Enterococcus faecalis	ATCC 19433/WDCM 00009	Complete inhibition	-

Microbial Contamination
Incubation conditions: 5–7 days at 20–25°C and 5–7 days at 30–35°C

Specification
No microbial contamination

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