# EasyDisc\*

Eliminate media preparation and all the quality control that goes with it

Say goodbye to pour plate and spread plate methods when quantifying heterotrophic bacteria. Now you can count on IDEXX-quality results.

#### Save time and start testing

- No agar preparation necessary
- Less than 1 minute of hands-on time

#### Get results that are easy to read

- Positive results appear as blue colonies
- Built-in gridlines make counting easy

### Save money and reduce waste

- 12-month shelf life reduces reordering and wasted tests
- Smaller plate size reduces plastic waste by approximately 50%

### Make quality control quick and easy

- Testing procedure minimises chance of contamination
- Minimal quality control (QC) compared to traditional methods

Learn more about these IDEXX water tests at idexx.com/EasyDisc or call +44 (0) 1638 676800



# Faster, easier quantification of heterotrophic bacteria



### **EasyDisc**\* **DEV** Test for testing drinking water and source water

Correlates with the pour plate method using DEV Nutrient Agar, as described in the German Drinking Water Directive (TrinkwV), §15(1c)<sup>3</sup>



### **EasyDisc\* YEA** for testing drinking and source water

Correlates with the pour plate method using yeast extract agar (YEA), as described in ISO 6222:1999, Water Quality—Enumeration of Culturable Micro-Organisms—Colony Count by Inoculation in a Nutrient Agar Culture Medium<sup>2</sup>

### Follow the same, simple procedure for all EasyDisc tests



### EasyDisc\* PCA Test for testing drinking water and source water

Correlates with the pour plate method using plate count agar (PCA), as described in the 9215 Heterotrophic Plate Count section of the *Standard Methods for the Examination of Water and Wastewater*<sup>1</sup>



### **EasyDisc\* R2A** for testing medical and/or pharmaceutical waters

Correlates with the pour plate method using Reasoner's 2 agar (R2A), as described in the 9215 Heterotrophic Plate Count section of the *Standard Methods for the Examination of Water and Wastewater*<sup>1</sup>

3 Continue incubating using the times and temperatures specific to each test.		Incubation temperature(s)	Incubation time(s)
	EasyDisc PCA	33-37°C	45-51 hours
	EasyDisc YEA	20-24°C 34-38°C	64-72 hours 40-48 hours
	EasyDisc R2A	20–28°C	5–7 days
	EasyDisc DEV	18-22°C 35-37°C	40-48 hours 40-48 hours

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Gently swirl the plate to distribute the liquid, replace the lid, and incubate at room temperature for 20 minutes.

Remove lid and add 1 mL sample to the EasyDisc plate.



**4** Count all colonies.



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#### References

- 9215 Heterotrophic plate count. In: Baird RB, Eaton AD, Rice EW, eds. Standard Methods for the Examination of Water and Wastewater. 23rd ed. Washington, DC: American Public Health Association, American Water Works Association, Water Environment Federation; 2017.
- International Organization for Standardization. ISO 6222:1999. Water Quality—Enumeration of Culturable Micro-Organisms—Colony Count by Inoculation in a Nutrient Agar Culture Medium. Geneva: International Organization for Standardization; 1999.
  German Drinking Water Directive (TrinkwV), §15(1c)

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