

IVD solutions through partnership



CHROMagar™ Pasteurella

For detection of *Pasteurellaceae*

CHROMagar
The Chromogenic Media Pioneer

● CHROMagar™ Pasteurella

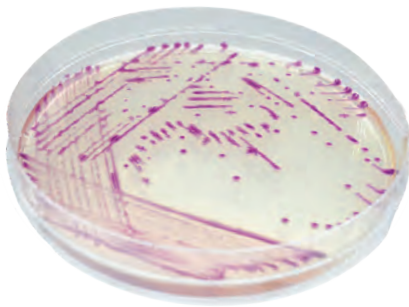
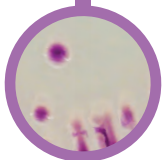


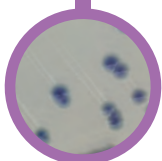
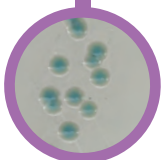
Plate Reading



• *Pasteurellaceae*
→ Pink to mauve



• *E. coli, coliforms*
→ inhibited or blue to steel blue



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For detection of *Pasteurellaceae*

Background

In the veterinary field, respiratory infections in cattle herds can cause stunted growth, decline in milk production and death of animals, leading to significant economic losses.

Bacteria of the *Pasteurellaceae* family are commensal to the upper respiratory tract of many vertebrate species. Among them, *Histophilus somni*, *Pasteurella multocida* and *Mannheimia haemolytica* are among the main bacteria associated with the pathogenic complex of bovine respiratory diseases. During infection, these species cause complications which can lead to sepsis and death of the animal.

CHROMagar™ Pasteurella was therefore developed to improve the detection of *Pasteurellaceae* from a bovine respiratory sample (eg. nasal swab, trans-tracheal aspiration (TTA) and lung). This chromogenic medium to aid in qualitative diagnosis allows the detection and isolation of *Pasteurellaceae* colonies by inhibition or differentiation of the annex flora.

CHROMagar™ Pasteurella medium can also be used for samples from the respiratory tract of mammals such as cats and dogs.

Medium Performance

- 1 **Unique chromogenic medium**
First and only available specific medium for Pasteurellaceae in the market.
- 2 **Lower workload**
Contrary to general media like blood agar, CHROMagar™ Pasteurella differentiates the target group from the other bacteria by the a distinctive mauve colony color.
- 3 **Highly selective**
Most of the environmental flora will be inhibited.
- 4 **Early plate reading**
Most isolates will have a noticeable colony size after just overnight incubation.

Medium Description

Powder Base	Total	41,2 g/L
	Agar	15,0
	Salt	5,0
	Peptones	21,0
	Chromogenic and selective mix	0,2
	Storage at 15/30 °C - pH: 7,0 +/-0,2	
	Shelf Life	> 18 months
Supplement S1 (included in the pack)	Liquid form	8 g/L
	Storage at 15/30 °C Shelf Life	> 18 months
Supplement S2 (included in the pack)	Powder form	1 g/L
	Storage at 2/8 °C Shelf Life	> 18 months

Usual Samples	nasal swab, trans-tracheal aspiration (TTA), bronchial lavages, lung
Procedure	solution & spreading method. Incubation 18- 24 h, 37 °C. Aerobic conditions.

Scientific Publications on this product: available on www.CHROMagar.com
Please read carefully the instructions for use (IFU document) available on www.CHROMagar.com

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Ordering Information

Product	Order Code
CHROMagar™ Pasteurella dry media, 5 liter	15PR012
CHROMagar™ Pasteurella ready to use plates, 20 pcs.	201439