

DIAGNOSTIC DISCS
100 discs
Code: DD 512,513,514
1000 discs
DD 5121, 5131, 5141

Information for Use

ITEST X-FACTOR
ITEST V-FACTOR
ITEST X+V-FACTOR

for the differentiation of Haemophili

Purpose and Usage:

X-FACTOR, V-FACTOR and X+V-FACTOR diagnostic discs are designed for the simple differentiation of the species of genus *Haemophilus*.

Technique:

Inoculate evenly an agar plate without blood with the tested strain. Put the diagnostic disc aseptically with the growth factors on it and incubate it for 24 hours (eventually 48 hours) at 37°C.

Evaluation:

Observe the colonies growing around the discs after incubation:

- Bacteria requiring growth factor X grow only in the vicinity of X and X+V discs,
- Bacteria requiring growth factor V grow only in the vicinity of V and X+V discs,
- Bacteria requiring both growth factors grow only in the vicinity of X+V disc.

Growth of the Haemophili in the presence or absence of growth factors:

	No factor	X-Factor	V-Factor	X+V-Factor
<i>H. influenzae</i>	-	-	-	+
<i>H. aegyptius</i>	-	-	-	+
<i>H. parainfluenzae</i>	-	-	+	+
<i>H. ducreyi</i>	-	+	-	+
<i>H. aphrophilus</i>	-	+	-	+

+ growth

- no growth

Warning:

1. X-FACTOR, V-FACTOR and X+V-FACTOR discs are designed for laboratory use only.
2. Store the sets in the dark place at 2 – 8°C and use by the expiration date stated on the packaging.
3. Dispose unused IVD preparation and empty packaging according to Act no 185/2001 Coll., on Waste, according to following categories: 15 01 01 – paper packaging, 15 01 02 – plastic packaging, 15 01 07 – glass packaging, aluminium – 17 04 02, chemicals containing dangerous substances – 18 01 06. Dispose residue and unused IVD preparation in category 18 01 09 – other unusable pharmaceuticals. Dispose the waste, requiring special requirements for collection and removal with respect to prevention of infection, in category 18 01 03.