

NOVODIAG

by Mobidiag

Test panels

NOVODIAG
C. difficile

Product no: NVD-CD-012
Package size: 12 Test Cartridges



Detects pathogenic *Clostridium difficile* in one single test

Sample type: Stool sample
Time to result: Approx. 1 hour



Performances & target:

Target	Sensitivity	Specificity
Toxin B gene	94 %	99,3 %

N = 332 patient samples

NOVODIAG
Bacterial GE+

Product no: NVD-BGE-012
Package size: 12 Test Cartridges



Detects enteric pathogens simultaneously in one single test

Sample type: Stool sample
Time to result: Approx. 1 hour



Performances & targets:

Target	FecalSwab™*		Stool sample	
	Sensitivity	Specificity	Sensitivity	Specificity
<i>Campylobacter coli</i>	96,2 %	100 %	100%	99,4 %
<i>Campylobacter jejuni</i>				
<i>Clostridium difficile</i> (toxin B gene)	76,5 %	99,9 %	100 %	100 %
EAEC	95,3 %	99,9 %	100 %	100 %
EHEC stx1	95,1 %	99,8 %	100 %	100 %
EHEC stx2				
EPEC	98,3 %	99,8 %	97,8 %	97,8 %
ETEC	98 %	99,7 %	100 %	100 %
<i>Salmonella spp.</i>	98,2 %	100 %	90 %	100 %
<i>Shigella spp./EIEC</i>	100 %	100 %	100 %	100 %
<i>Vibrio cholerae</i>	100 %	100 %	N/A	100 %
<i>Vibrio parahaemolyticus</i>	100 %	100 %	N/A	100 %
<i>Yersinia enterocolitica</i>	100 %	100 %	100%	100 %
<i>Yersinia pseudotuberculosis/pestis</i>				

N= 1967 FecalSwab™, N=184 stool samples
*Copan Italia SpA

Rapidly screens the clinically most relevant carbapenemases and colistin resistance in one single test

Sample types: Rectal swabs and pure cultures
Time to result: 80 min



Performances & targets:

Target	Variants included (at least)	Pure culture			Rectal swab		
		Sens	Spec	NPV	Sens	Spec	NPV
KPC	KPC-1 through KPC-24	100 %	100 %	100 %	95,2 %	100 %	99,4 %
NDM	NDM-1 through NDM-16	100 %	100 %	100 %	100 %	100 %	100 %
IMP	IMP-1 through IMP-17; IMP-19 through IMP-35; IMP-37; IMP-38; IMP-40 through IMP-45; IMP-47; IMP-48; IMP-51; IMP-53	100 %	100 %	100 %	85,7 %	99,5 %	99,5 %
OXA-23	OXA-23; OXA-27; OXA-49; OXA-73; OXA-103; OXA-133; OXA-134; OXA-146; OXA-165 through OXA-171; OXA-225; OXA-239	100 %	97,5 %	100 %	100 %	98 %	100 %
OXA-24	OXA-24 through OXA-26; OXA-40; OXA-72; OXA-139; OXA-160; OXA-207	100 %	100 %	100 %	100 %	99 %	100 %
OXA-48/181	OXA-48; OXA-162; OXA-163; OXA-181; OXA-204; OXA-232; OXA-244; OXA-245; OXA-247; OXA-252; OXA-370; OXA-405; OXA-438; OXA-484; OXA-517; OXA-519	100 %	100 %	100 %	93 %	93,6 %	98 %
OXA-51*	OXA-51; OXA-64 through OXA-71; OXA-75 through OXA-80; OXA-82 through OXA-84; OXA-86 through OXA-95; OXA-98 through OXA-100; OXA-104; OXA-106 through OXA-113; OXA-115; OXA-117; OXA-120 through OXA-128; OXA-130 through OXA-132; OXA-138; OXA-144; OXA-148 through OXA-150; OXA-172 through OXA-180; OXA-194 through OXA-197; OXA-200 through OXA-203; OXA-206; OXA-208; OXA-216; OXA-217; OXA-219; OXA-223; OXA-241; OXA-242; OXA-248 through OXA-250; OXA-254	100 %	100 %	100 %	100 %	100 %	100 %
OXA-58	OXA-58; OXA-96; OXA-97; OXA-164	100 %	100 %	100 %	100 %	92,7 %	100 %
VIM	VIM-1 through VIM-20; VIM-23 through VIM-46	100 %	100 %	100 %	93,3 %	84,6 %	99,4 %
MCR-1	MCR-1	100 %	100 %	100 %	63,6 %	100 %	97,9 %

*Detected only when promoter ISAbal is present
N= 84 pure cultures, 199 rectal swabs

Sens = Sensitivity Spec = Specificity
NPV = Negative predictive value

Upcoming Test panels

Novodiag® Stool Parasites (Available 2019)

>20 targets including Protozoans, Helminths and Microsporidia



Novodiag® Meningitis (Available 2020)

16 targets including viral and bacterial panels

