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Sede Legale e Amministrazione  
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## QUALITY CONTROL CERTIFICATE

### KIT NAME ENZYWELL TREPONEMA IGM

Code 91051

LOT 173 EXPIRY 2024-09

### REAGENTS

CODE	LABEL	DESCRIPTION	LOT No.	EXP	NO
PF93031	006820	MICROPLATE	728	2024-09	1
PF93522	006810	CONJUGATE	156	2024-10	1
PF93900/TPM	C5140	NEGATIVE CONTROL	795	2025-01	1
PF92053	005000	POSITIVE CONTROL	133	2025-01	1
PF91851	005020	CUT-OFF CONTROL	138	2025-01	1
PF93619	1034	SUBSTRATE-HS	376-1	2024-10	1
PF93621	006030	DILUENT 10	164	2024-12	1
PF93603	1035	WASHING BUFFER 10x	458	2024-09	1
PF93602	1032/RISK0	STOP SOLUTION	218	2025-06	1

### CONTROLS

	FOUND RESULTS	EXPECTED RESULTS
NEGATIVE CONTROL	0.122	<0,6 CUT-OFF
CUT-OFF CONTROL	0.467	≥ 0.200
POSITIVE CONTROL	1.740	>1,5 CUT-OFF
CV %	10%	≤ 15%

The test has been carried out in accordance with the package insert

TESTED BY: Baiocchi Simone

APPROVED BY: RESPONSIBLE HEAD, Quality Control Reagents

DATE 04.08.23

### WARNING: POTENTIAL BIOHAZARDOUS MATERIAL!

This kit may contain some reagents made with human serum or plasma. All serum or plasma used has been tested by an FDA approved method and found non-reactive for HIV-1/2, HCV and HBsAg. Because no method can offer complete assurance that HIV-1/2, HCV, HBsAg or other infectious agents are absent, reagents should be handled with maximum attention.



**CERTIFICATE OF ANALYSIS**

KIT: **TREPONEMA IgM** Code 91051  
 LOT: 173  
 DATE OF TEST: 19/07/2023

METHOD: ACCORDING TO THE PACKAGE INSERT

		<i>FOUND</i>	<i>EXPECTED</i>
<b>1. SOLID PHASE</b>			
A) UNIFORMITY BETWEEN PLATES			
1st PLATE	OD450 nm	<b>1.941</b>	
	CV%	<b>4%</b>	<20%
2nd PLATE	OD 450nm	<b>1.755</b>	
	CV%	<b>3%</b>	<20%
B) UNIFORMITY WITHIN PLATE			
	OD 450nm	<b>1.759</b>	
	CV%	<b>3%</b>	≤15%
<b>2. BULK CONTROL date: 12/07/2023</b>			
A) Average OD of Cut Off Control	OD 450 nm	<b>406</b>	≥ 0.200
B) Index of Negative and Positive Sera		<b>Accepted</b>	According to specification
C) Sensitivity with working calibrators		<b>Accepted</b>	According to specification
<b>3. FINAL CONTROL date: 19/07/2023</b>			
A) Blank	OD 450 nm	<b>0.052</b>	≤ 0.100
B) Average OD of Negative Control	OD 450 nm	<b>0.122</b>	< 0,6 Cut Off
C) Average OD of Cut Off Control	OD 450 nm	<b>0.467</b>	≥ 0.200
D) Average OD of Positive Control	OD 450 nm	<b>1.740</b>	> 1,5 Cut Off
E) HOMOGENEITY OF CUT-OFF			
	No.	<b>6</b>	
	OD 450 nm	<b>0.519</b>	
	CV%	<b>10%</b>	≤15%
F) PRECISION OF FILLING PROCESS			

**X** SATISFACTORY       UNSATISFACTORY

FINAL RESULT: **ACCEPTED**  
 Date:

Signed:   
 Released: Q.C.Manager