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Sede Legale e Amministrazione
 Via A. Solari, 19 20144 Milano - Italy

QUALITY CONTROL CERTIFICATE

KIT NAME ENZYWELL SYPHILIS SCREEN RECOMBINANT

Code	91100		
LOT.NO	361	2024-02	2022-12

REAGENTS

CODE	LABEL	DESCRIPTION	LOT No.	EXP	NO
PF91101	007350	MICROPLATE	413	2024-02	2
PF91102	007340	CONJUGATE	364	2024-03	2
V267	007360	NEGATIVE CONTROL	175	2024-05	1
PF93959/N	007370	POSITIVE CONTROL	362	2024-03	1
PF93603	1035	WASHING BUFFER 10x	454	2024-05	1
PF93619	1034	SUBSTRATE	368	2024-04	2
PF93602	1032/RISK0	STOP SOLUTION	215-1	2024-08	2

CONTROLS

	FOUND RESULTS	EXPECTED RESULTS
NEGATIVE CONTROL	0.095	≤ 0.200
POSITIVE CONTROL	1.177	$\geq 0.600 \leq 2.000$
CUT-OFF (NEG. C. + POS. C.) /3	0.424	

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

TESTED BY: Katia Tanzini

APPROVED BY: RESPONSIBLE HEAD, Quality Control Reagents

DATE 11.01.2023

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:	SYPHILIS SCREEN RECOMBINANT	Code	91100
LOT:	361		91104
DATE OF TEST:	02/01/2023		91105
			91100-B

METHOD: ACCORDING TO THE PACKAGE INSERT

1. SOLID PHASE	<i>FOUND</i>	<i>EXPECTED</i>
A) UNIFORMITY BETWEEN PLATES		
1st PLATE	OD450 nm	1.037
	CV%	8%
		≤15%
2nd PLATE	OD 450nm	N/A
	CV%	N/A
		≤15%
B) UNIFORMITY WITHIN PLATE		
	OD 450nm	1.189
	CV%	10%
		≤11%
2. ALIGNMENT AND GOOD FUNCTION		
A) Average OD of Negative Calibrator	OD 450 nm	0.090
B) Average OD of Positive Calibrator	OD 450 nm	1.409
		≤ 0,2
C) Sensitivity with secondary standards		≥ 0,800 ≤ 2,000
TPN1 = OD C. Neg. ± 0,050		0.089
TPN2 INDEX		0.040 - 0.140
TPN3/TPN2		1,0
		≥ 0,7
TPN4 INDEX		1,8
		≥ 1,4
		≥ 1,4
3. CONTROL OF COMPLETE KIT		
A) Calculation of Cut-off		0.424
(OD C. Pos. + OD C. Neg.)/3		
B) Panel of Human sera		
Average of 20 Negative sera		0.144
		According to spec.
Average of 8 Positive sera		0.999
		According to spec.
C) Precision of filling:		
Satisfactory	☒	
Unsatisfactory	☐	

FINAL RESULT: ACCEPTED

Date: 02.01.2023

Signed: 
Released: Q.C.Manager

Update March,07