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Ron Smith & Associates, Inc.

Testing Division

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Summary Report CS Presumptive Blood Testing Proficiency Test #23600PBT Issued: June 12, 2023

On March 27, 2023, Ron Smith and Associates, Inc. (RS&A) shipped the CS Presumptive Blood Testing Proficiency Test #23600PBT. Participants were required to submit their responses no later than May 5, 2023 in order for them to be included in this summary report.

A total of 118 tests were ordered and shipped, with 93 participants returning their responses. <u>This summary</u> <u>report is based on 372 individual responses (93 participants returning 4 responses each)</u>. The test included four items for presumptive blood testing.

The results presented in this report reflect whether or not the participants' submitted results agree or disagree with the assigned values garnered from pre-distribution testing and outlined in *The Manufacturer's Report* (Appendix 1). The primary purpose of a Summary Report is to provide an overall documentation of all the submitted responses. It is RS&A's intention to go a step further by providing more meaningful statistical results through analyzing the submitted responses in relation to the demographics obtained from each of the analysts participating in this proficiency test. All results and statistics for this test will be outlined through graphs and charts found in the remainder of this report.

Prior to distribution of this test, all the expected responses were determined, by internal and external consensus, to be either "(+) Positive for Blood" or "(-) Negative for Blood"; however, we are aware that some agencies may allow for a conclusion of "Inconclusive" in their casework. In designing this Proficiency Test, there was no intention to force a participant to render a conclusion which goes beyond their considered opinion. To satisfy this option, participants were allowed to enter "Inconclusive" as a response. Due to the fact that a participant's "Inconclusive" response does not meet the assigned values, it will appear as an inconsistent response in this summary report and be incorporated as such in the statistical analysis. It will be up to each agency to decide if the participant's "Inconclusive" response qualifies as being acceptable under their policies and procedures.

RS&A strives to maintain the confidentiality of all its clients and participants. All results are obtained and published using randomly generated test codes. RS&A will not release the identity of any participant without the written consent of the participant and/or the agency involved.

For any questions or further information, please contact our Proficiency Testing Coordinator by emailing <u>testing@ronsmithandassociates.com</u> or by calling toll free at 1-866-832-6772.



Test Manufacturer's Information <u>CS Presumptive Blood Testing Proficiency Test #23600PBT</u>

This proficiency test consisted of four items labeled as Item #1 (Black Swatch), Item #2 (Gray Swatch), Item #3 (Green Swatch) and Item #4 (Red Swatch). These items were similar to those normally encountered in crime scene processing. The participant was required to process the items for the presumptive presence or absence of blood. The assigned values are as follows:

Item #	Assigned Value	
Item #1 (Black Swatch)	Presumptive (+) Positive for Blood	
Item #2 (Gray Swatch)	Presumptive (-) Negative for Blood	
Item #3 (Green Swatch)	Presumptive (-) Negative for Blood	
Item #4 (Red Swatch)	Presumptive (+) Positive for Blood	

The assigned values were determined through the ground truth information and verified through unanimous agreement during pre-distribution testing.

Known Substance used:

Item 1: Human Blood, Item 2: Non-blood, Item 3: Non-Blood, Item 4: Human Blood

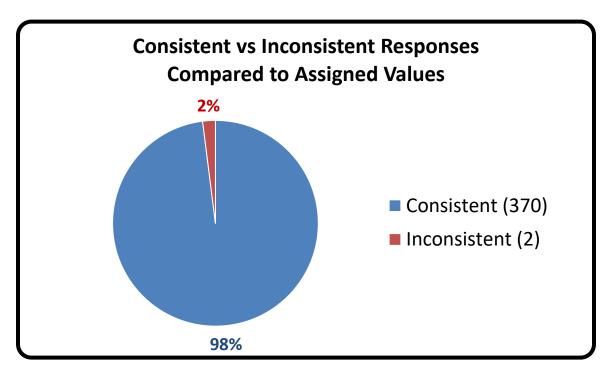
Individual reports will be provided to participants by late May 2023. The final summary report for this test will be posted on the Ron Smith and Associates website by early June 2023 using the following link: www.ronsmithandassociates.com/proficiency/crimesceneprocessing.html

It is recommended to postpone evaluating an individual's performance until after you have received the statistical averages contained in the summary report.

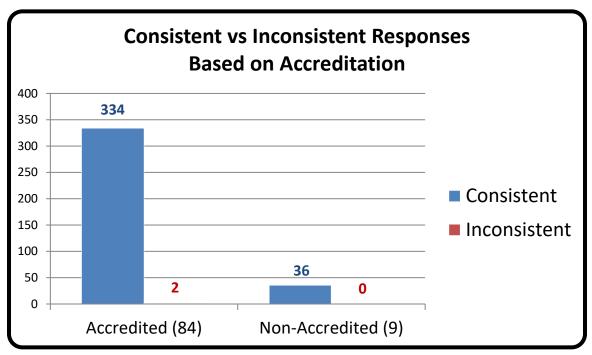
For any questions or further information, contact the Proficiency Testing Coordinator by emailing <u>testing@ronsmithandassociates.com</u> or call toll free at 1-866-832-6772.

Authorized by:Jon S. Byrd, CEOIssue Date:May 22, 2023





Appendix 3



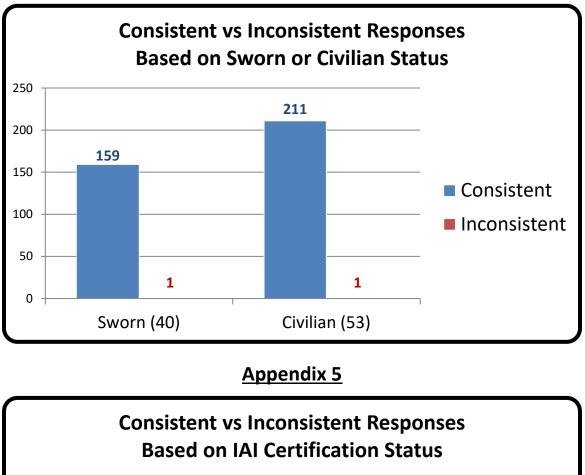
*Numerical values shown are based on **93 participant submissions, each with 4 responses, equaling 372 total responses**.

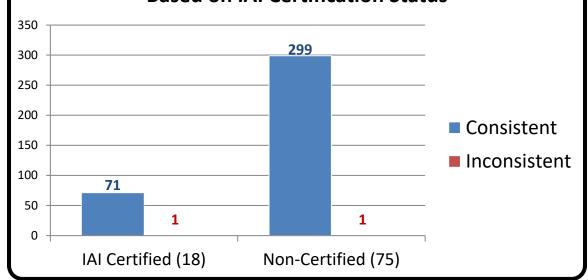
*For further information, please read *Manufacturer's Additional Observations* on the final page of this report.

CS/PB Testing Proficiency Test Test #23600PBT



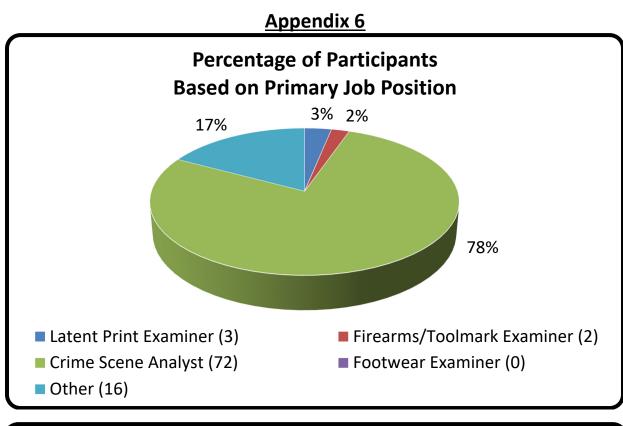
Appendix 4

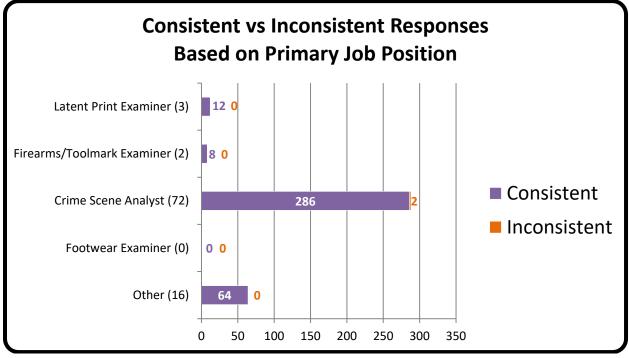




*Numerical values shown are based on **93 participant submissions, each with 4 responses, equaling 372 total responses**.

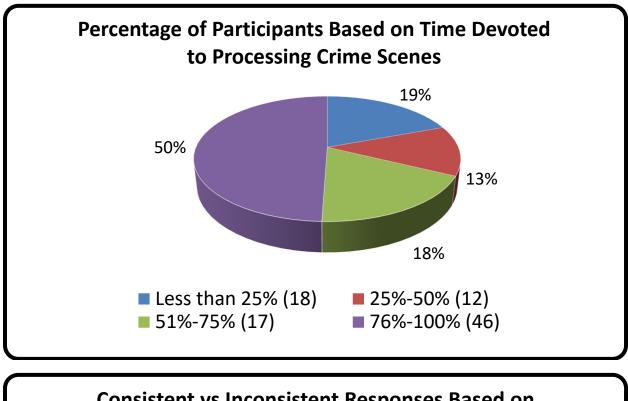


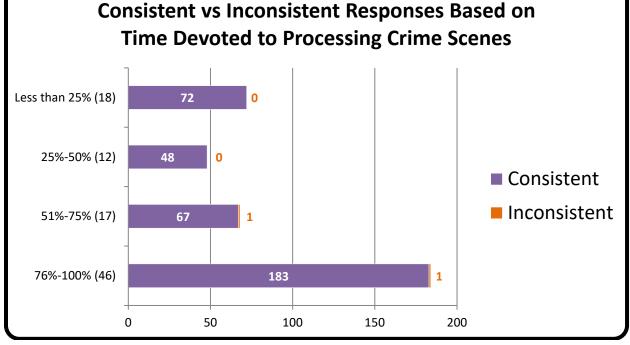




*Numerical values shown are based on **93 participant submissions, each with 4 responses, equaling 372 total responses**.

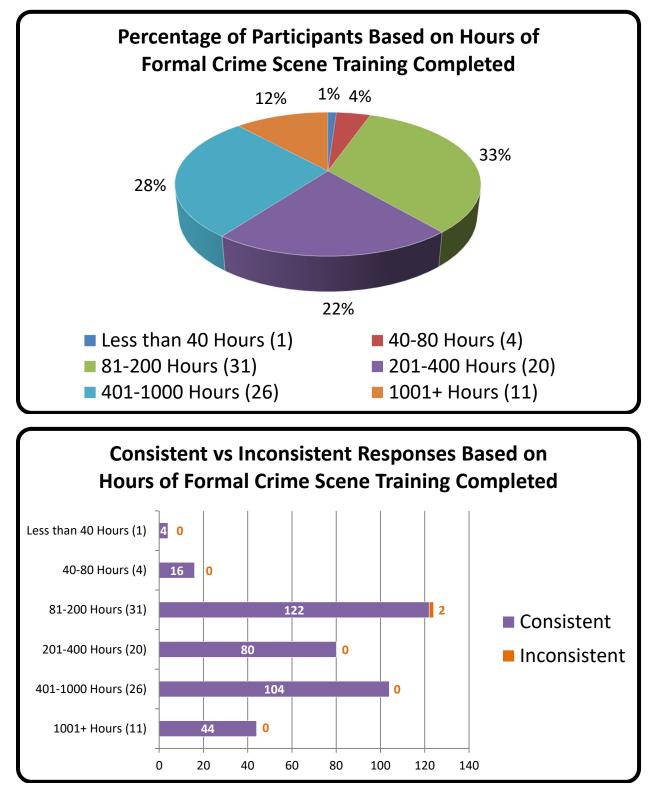






*Numerical values shown are based on **93 participant submissions, each with 4 responses, equaling 372 total responses**.



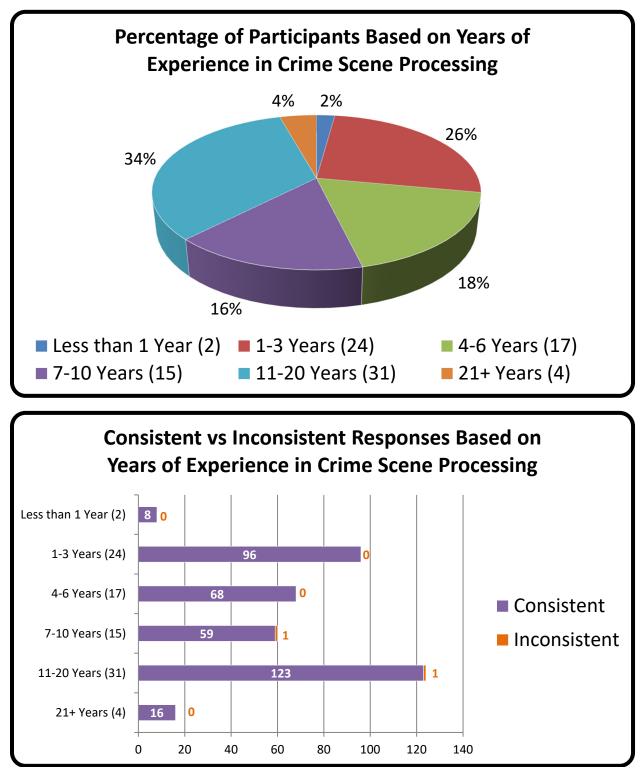


*Numerical values shown are based on **93 participant submissions, each with 4 responses, equaling 372 total** responses.

*For further information, please read *Manufacturer's Additional Observations* on the final page of this report.

CS/PB Testing Proficiency Test Test #23600PBT



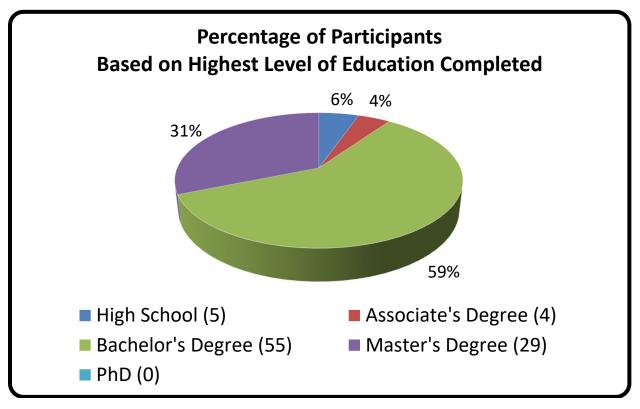


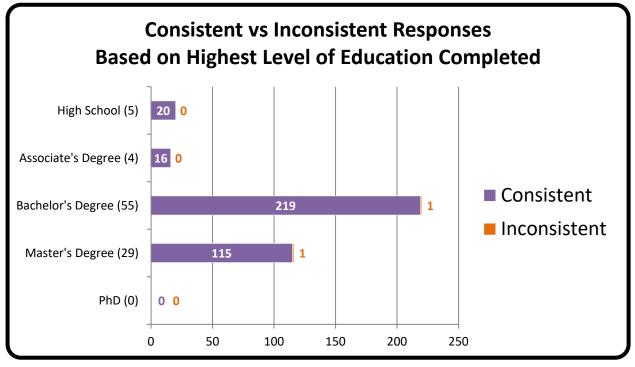
*Numerical values shown are based on **93 participant submissions, each with 4 responses, equaling 372 total responses**.

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CS/PB Testing Proficiency Test Test #23600PBT







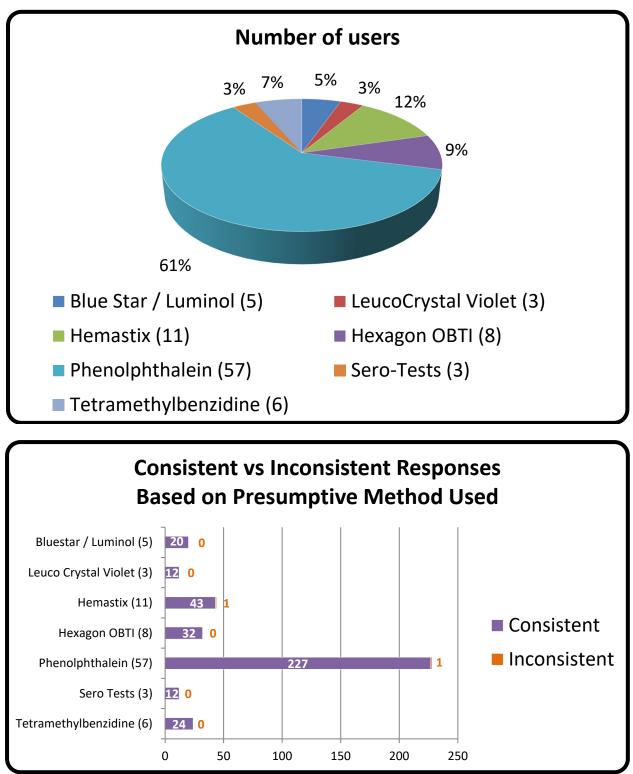
*Numerical values shown are based on **93 participant submissions, each with 4 responses, equaling 372 total responses**.

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CS/PB Testing Proficiency Test Test #23600PBT



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*Numerical values shown are based on **93 participant submissions, each with 4 responses, equaling 372 total** responses.

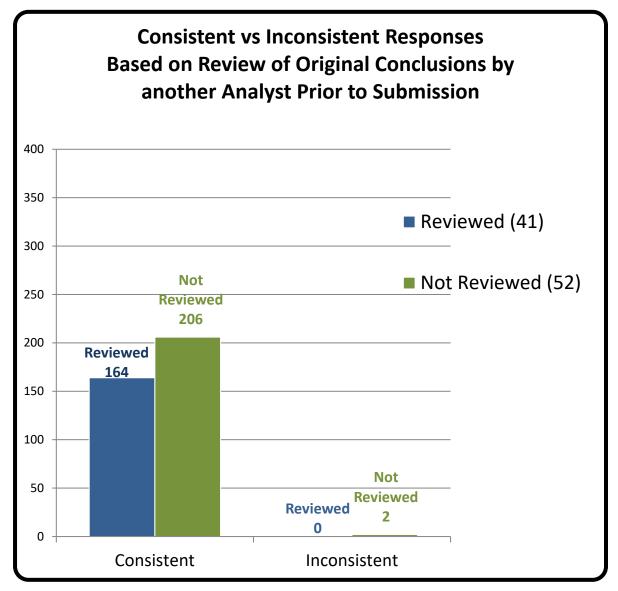
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CS/PB Testing Proficiency Test Test #23600PBT



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Appendix 12



*Numerical values shown are based on **93 participant submissions, each with 4 responses, equaling 372 total** responses.



Participant Responses Listed by Test Code

	ltem #	ltem #1	ltem #2	ltem #3	ltem #4
	Assigned Values	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
	8027F23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
	22764F23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
	2764F23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
	24K23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
	8882B23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
de	2942Z23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
Test Code	9123B23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
Te	6802E23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
	3929G23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
	109W23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
	1742B23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
	9668A23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
	3487Y23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood



9950J23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
6043S23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
6567S23600PBT	(+) Positive for Blood	(+) Positive for Blood	(-) Negative for Blood	(+) Positive for Blood
8678D23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
2192R23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
6172B23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
9222H23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
8258A23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
6512J23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
549B23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
9771M23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
5813N23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
5139D23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
9446X23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
5465P23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
106X23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
	6043S23600PBT 6567S23600PBT 8678D23600PBT 6172B23600PBT 9222H23600PBT 8258A23600PBT 6512J23600PBT 549B23600PBT 9771M23600PBT 5313N23600PBT 5313N23600PBT	And6043S23600PBT(+) Positive for Blood6567S23600PBT(+) Positive for Blood8678D23600PBT(+) Positive for Blood2192R23600PBT(+) Positive for Blood6172B23600PBT(+) Positive for Blood9222H23600PBT(+) Positive for Blood6512J23600PBT(+) Positive for Blood549B23600PBT(+) Positive for Blood9771M23600PBT(+) Positive for Blood5139D23600PBT(+) Positive for Blood9446X23600PBT(+) Positive for Blood5465P23600PBT(+) Positive for Blood	Access 6043S23600PBT(+) Positive for Blood(-) Negative for Blood6567S23600PBT(+) Positive for Blood(+) Positive for Blood8678D23600PBT(+) Positive for Blood(-) Negative for Blood2192R23600PBT(+) Positive for Blood(-) Negative for Blood6172B23600PBT(+) Positive for Blood(-) Negative for Blood9222H23600PBT(+) Positive for Blood(-) Negative for Blood8258A23600PBT(+) Positive for Blood(-) Negative for Blood6512J23600PBT(+) Positive for Blood(-) Negative for Blood6512J23600PBT(+) Positive for Blood(-) Negative for Blood549B23600PBT(+) Positive for Blood(-) Negative for Blood9771M23600PBT(+) Positive for Blood(-) Negative for Blood5139D23600PBT(+) Positive for Blood(-) Negative for Blood9446X23600PBT(+) Positive for Blood(-) Negative for Blood9446X23600PBT(+) Positive for Blood(-) Negative for Blood5465P23600PBT(+) Positive for Blood(-) Negative for Blood	ActionActionAction6043S23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood65567S23600PBT(+) Positive for Blood(+) Positive for Blood(-) Negative for Blood8678D23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood2192R23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood6172B23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood6172B23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood6222H23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood6512J23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood6512J23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood6513J23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood771M23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood5139D23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood9446X23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood5465P23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood



1522K23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
9097G23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
7974X23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
6917U23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
3920A23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
733F23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
8439Y23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
1810O23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
4458P23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
969O23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
938B23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
5364C23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
7023B23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
8510I23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(-) Negative for Blood
6294K23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
1985Y23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
	9097G23600PBT 7974X23600PBT 6917U23600PBT 3920A23600PBT 733F23600PBT 8439Y23600PBT 1810O23600PBT 4458P23600PBT 969O23600PBT 938B23600PBT 5364C23600PBT 5364C23600PBT	A9097G23600PBT(+) Positive for Blood7974X23600PBT(+) Positive for Blood6917U23600PBT(+) Positive for Blood3920A23600PBT(+) Positive for Blood733F23600PBT(+) Positive for Blood8439Y23600PBT(+) Positive for Blood1810023600PBT(+) Positive for Blood969023600PBT(+) Positive for Blood938B23600PBT(+) Positive for Blood5364C23600PBT(+) Positive for Blood7023B23600PBT(+) Positive for Blood8510123600PBT(+) Positive for Blood8510123600PBT(+) Positive for Blood6294K23600PBT(+) Positive for Blood	9097G23600PBT(+) Positive for Blood(-) Negative for Blood7974X23600PBT(+) Positive for Blood(-) Negative for Blood6917U23600PBT(+) Positive for Blood(-) Negative for Blood3920A23600PBT(+) Positive for Blood(-) Negative for Blood733F23600PBT(+) Positive for Blood(-) Negative for Blood8439Y23600PBT(+) Positive for Blood(-) Negative for Blood1810023600PBT(+) Positive for Blood(-) Negative for Blood4458P23600PBT(+) Positive for Blood(-) Negative for Blood969023600PBT(+) Positive for Blood(-) Negative for Blood938B23600PBT(+) Positive for Blood(-) Negative for Blood5364C23600PBT(+) Positive for Blood(-) Negative for Blood7023B23600PBT(+) Positive for Blood(-) Negative for Blood8510123600PBT(+) Positive for Blood(-) Negative for Blood8510123600PBT(+) Positive for Blood(-) Negative for Blood8210123600PBT(+) Positive for Blood(-) Negative for Blood	9097G23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood7974X23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood6917U23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood3920A23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood733F23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood8439Y23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood1810023600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood4458P23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood969023600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood938B23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood7023B23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood7023B23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood7023B23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood7023B23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood7023B23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood8510123600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood6294K23600PBT(+) Positive for Blood



6312I23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
4566R23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
1387I23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
3839B23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
6817F23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
9413M23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
67F23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
3430H23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
9955X23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
5754L23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
4747E23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
8443S23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
3611C23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
143N23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
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1151A23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
	4566R23600PBT 1387I23600PBT 3839B23600PBT 6817F23600PBT 9413M23600PBT 3430H23600PBT 3430H23600PBT 9955X23600PBT 5754L23600PBT 4747E23600PBT 3611C23600PBT 3611C23600PBT	4566R23600PBT (+) Positive for Blood 1387123600PBT (+) Positive for Blood 3839B23600PBT (+) Positive for Blood 6817F23600PBT (+) Positive for Blood 67F23600PBT (+) Positive for Blood 3430H23600PBT (+) Positive for Blood 9955X23600PBT (+) Positive for Blood 5754L23600PBT (+) Positive for Blood 4747E23600PBT (+) Positive for Blood 8443S23600PBT (+) Positive for Blood 3611C23600PBT (+) Positive for Blood 143N23600PBT (+) Positive for Blood	4566R23600PBT(+) Positive for Blood(-) Negative for Blood1387123600PBT(+) Positive for Blood(-) Negative for Blood3839B23600PBT(+) Positive for Blood(-) Negative for Blood6817F23600PBT(+) Positive for Blood(-) Negative for Blood9413M23600PBT(+) Positive for Blood(-) Negative for Blood67F23600PBT(+) Positive for Blood(-) Negative for Blood3430H23600PBT(+) Positive for Blood(-) Negative for Blood9955X23600PBT(+) Positive for Blood(-) Negative for Blood5754L23600PBT(+) Positive for Blood(-) Negative for Blood4747E23600PBT(+) Positive for Blood(-) Negative for Blood8443S23600PBT(+) Positive for Blood(-) Negative for Blood3611C23600PBT(+) Positive for Blood(-) Negative for Blood143N23600PBT(+) Positive for Blood(-) Negative for Blood3048J23600PBT(+) Positive for Blood(-) Negative for Blood	4566R23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood1387123600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood3839B23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood6817F23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood9413M23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood67F23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood67F23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood3430H23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood9955X23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood4747E23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood8443523600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood3611C23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood143N23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood3048J23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood1000(-) Negative for Blood(-) Negative for Blood(-) Negative for Blood3048J23600PBT(+) Positive for Blood(-) Negative for Blood(-) Negative for Blood3048J23600PBT(+) Positive for Blood(-) Neg



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8705K23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
4658W23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
7749C23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
3402F23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
254P23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
8629D23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
603L23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
3184E23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
9875K23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
3084Q23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
4912W23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
1783S23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
1739J23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
5895C23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
3709L23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
8499P23600PBT	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood



<u>Totals</u>

Item #	ltem #1	ltem #2	Item #3	ltem #4
Assigned Values	(+) Positive for Blood	(-) Negative for Blood	(-) Negative for Blood	(+) Positive for Blood
Consistent Responses	93	92	93	92
Inconsistent Responses	0	1	0	1
Percentage of Consistent Reponses	100%	99%	100%	99%

Participant's Additional Comments

Test ID	Comments	
8027F23600PBT	This unit came out for items 1, 2, 3 and 4 of the HemDirect presumptive test.	
2764F23600PBT	BLUESTAR FORENSIC TABLETS WAS USED AS A REAGENT	
1742B23600PBT	Para la realización de la prueba se utilizó el reactivo ABACard HemaTrace	
9668A23600PBT	Phenolphthalein and Tetramethylbenzidine	
3487Y23600PBT	Tetramethylbenzidine (TMB) and Phenolphthalein (P) tests were used for all items.	
9950J23600PBT	Tetramethylbenzidine and phenolphthalein were both used	
2192R23600PBT	Both Hemastix and Phenolphthalein were used.	
6172B23600PBT	Both Hemastix and Phenolphthalein were used for testing.	
106X23600PBT	Dentro del alcance de acreditación del laboratorio, en el parámetro de determinación cualitativa, se utiliza el reactivo BLUESTAR para busqueda de sangre oculta, mismo que se utilizo para realizar la presente prueba de proficiencia, a parte tambien se utilizo el reactivo de fenolftaleina para dicha prueba.	
1522K23600PBT	Also used Hemastix on all items with consistent results.	
6917U23600PBT	Items 1 and 4 can be submitted to the laboratory for DNA analysis. Items 2 and 3 are negative for blood and should not be submitted to the laboratory.	
3920A23600PBT	Where we have selected "Sero-Tests" in the dropdown, Bluestar OBTI was used.	
1387I23600PBT	PPE, Positive and Negative Controls Conducted.	
5754L23600PBT	Ninguno.	



3611C23600PBT	All substrate controls were presumptively negative for blood.
997N23600PBT	Se concluye resultado presunto POSITIVO a sangre para los ítems número 1 y 4 y resultado presunto NEGATIVO a sangre para los ítems número 2 y 3. "LA PRUEBA DE PRESUNCION UTILIZADA FUE EL REACTIVO BLUESTAR FORENSIC".
8705K23600PBT	All items were tested with Leucomalachite Green
254P23600PBT	Se aplicó la PRUEBA DE ADDLER Ó REACTIVO DE BENCIDINA, para los cuatro ítems analizados.
8629D23600PBT	OTHER (BLUESTAR)
603L23600PBT	Note: Participant used Hexagon OBTI for testing of all (4) items. This was not an option for Presumptive Test Used.
3184E23600PBT	Note: Participant used Hexagon OBTI for testing of all (4) items. This was not an option for Presumptive Test Used.
9875K23600PBT	Note: Participant used Hexagon OBTI for testing of all (4) items. This was not an option for Presumptive Test Used.
3084Q23600PBT	Note: Participant used Hexagon OBTI for testing all (4) items. This was not an option for Presumptive Test Used.
4912W23600PBT	Note: Participant used Hexagon OBTI for testing of all (4) items. This was not an option for Presumptive Test Used.
1783S23600PBT	Note: Participant used Hexagon OBTI for testing of all (4) items. This was not an option for Presumptive Test Used.
1739J23600PBT	Note: Participant used Hexagon OBTI for testing of all (4) items. This was not an option for Presumptive Test Used.
5895C23600PBT	Note: Participant used Hexagon OBTI for testing of all (4) items. This was not an option for Presumptive Test Used.

Manufacturer's Additional Observations

Based upon a review of the submitted responses, the following observations were noted:

1. There were only 2 inconsistent responses that could not be supported. These inconsistent responses were evenly spread out over all categories captured; therefore, informative or meaningful results could not be obtained.

Authorized by:Jon Byrd, CEODate of Issue:June 12, 2023

