



## **Latent Print Examination Test No. 24-5161/5 Summary Report**

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Each sample set contained one of the following: digitally produced photographs (24-5161) or downloadable digital images (24-5165) of twelve latent prints and four sets of known fingerprints and palm prints. Participants were asked to compare these items and report their findings. Data was returned from 294 participants: 113 for 24-5161, and 181 for 24-5165 and are compiled into the following tables:

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This report contains the data received from the participants in this test. Since these participants are located in many countries around the world, and it is their option how the samples are to be used (e.g., training exercise, known or blind proficiency testing, research and development of new techniques, etc.), the results compiled in the Summary Report are not intended to be an overview of the quality of work performed in the profession and cannot be interpreted as such. The Summary Comments are included for the benefit of participants to assist with maintaining or enhancing the quality of their results. These comments are not intended to reflect the general state of the art within the profession.

Participant results are reported using a randomly assigned "WebCode". This code maintains participant's anonymity, provides linking of the various report sections, and will change with every report.

## **Manufacturer's Information**

Each sample set contained photographs, in either a physically printed format or digitally downloadable, consisting of known fingerprints and palm prints of four individuals and twelve latent "crime scene prints." Participants were asked to indicate the specific finger or palm identified for each latent print in this test.

**SAMPLE PREPARATION:** All inked known fingerprints and powder-dusted latent prints were scanned directly into image editing software. Images were assembled onto test templates, and background noise of each latent print was digitally reduced. For the physical photographs, the latent prints were provided in 1x and 2x magnification.\*

**VERIFICATION:** Predistribution results were consistent with each other and the manufacturer's preparation information.

**SAMPLE SET ASSEMBLY:** Once verification was complete and sample preparation was done, each photo set was packaged and sealed. Digitally downloadable material was zipped and uploaded to the CTS Portal.

\*Note: After the release of the test on January 22, 2024, it was determined the latent prints were not provided in the appropriate 1:1 or 1x and 2x magnifications. Updated materials were provided to all participants in digital form on February 8, 2024 or physical photographic form by request.

<b>Latent No.</b>	<b>Print Source</b>
Q1	Item D, Left Ring (D, LR)
Q2	Not Provided, - (NI)
Q3	Item A, Left Palm (A, LP)
Q4	Not Provided, - (NI)
Q5	Item C, Right Index (C, RI)
Q6	Item D, Right Index (D, RI)
Q7	Item C, Left Thumb (C, LT)
Q8	Item A, Left Index (A, LI)
Q9	Item A, Left Little (A, LL)
Q10	Item C, Left Palm (C, LP)
Q11	Not Provided, - (NI)
Q12	Item A, Left Middle (A, LM)

## **Summary Comments**

This test was designed to allow participants to assess their proficiency in the identification of latent finger and palm prints. Nine latent prints (Q1, Q3, Q5-Q10 and Q12) were made by three of the four individuals for whom inked prints were provided (Items A-D). Three latent prints (Q2, Q4 and Q11) were from two individuals for whom inked prints were not provided. Refer to the Manufacturer's Information for preparation details.

Of the 294 responding participants, 286 (97.3%) reported the expected nine identifications and three non-identifications (NI). In establishing the consensus, inconclusive (INC) results are included with non-identifications. There were eight participants who reported inconsistent results for one or more of the latent prints; however, the necessary consensus threshold was achieved for each individual print.

# Latent Print Identifications

TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
29DNWB-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
2AQDYM-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
2DKEYG-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
2F2TYK-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
2JCG99-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
2LFCQP-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
2N89EJ-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
2NRD4W-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
2QDXF8-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
2QTU88-5161	NI	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
2UT748-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
2VCGBY-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
2Z3LCV-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
36T67D-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
3D4DWE-5161	D, LR	INC	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
3FV9K9-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
3G3RJ4-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
3HMW8G-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
3M2EPY-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
3QQMGY-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM

TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
3RKDMD-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
3TUHZ2-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
3VZZZH-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
4CLWRC-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
4DKHXW-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
4JYX3E-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
4NGWTF-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
4PVJ63-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
4VMWE-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
4XL49F-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
66XJFQ-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
6AWYYY-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
6DEYK7-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
6KWARF-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
6MWVQC-5161	D, LR	A, LT	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
6PV8DD-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
6Q4VKJ-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
6VWZB3-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
6W3GDE-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
76UFEC-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM

TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
7E4RQA-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
7EJ7Z6-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
7JYEN4-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
7MKRGR-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
7PL9JG-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
7T4L44-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
7VMGUP-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
7VQ8WR-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
7W4WZ4-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
7XH4LK-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
7YZETD-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
836D74-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
88PPFE-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
8H7AZB-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
8HW8MA-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
8HXZEG-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
8KZ34R-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
8ME93F-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
8QRDAA-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
8UCZBA-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM

TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
8WGMPA-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
8XAJ92-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
98XUV3-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
9ANYTF-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
9D8FDT-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
9DJWT7-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
9E7K68-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
9GKVCC-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
9HNM2T-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
9NTJMD-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
9QY2KA-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
9RTUFT-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
9RVJVA-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
9VR7CT-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
9XRTYH-5165	D, LR	A, LT	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
9Y6GZ9-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
9YN6H4-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
9Z9DZR-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
9ZWDP3-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
A7VHJ7-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
A8R3GQ-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM

TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
ABQCG8-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
AGJFKW-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
AQ6LCA-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
AWFD4V-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
AZTDZM-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
B6LWGB-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
B86VW7-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
BBQDDQ-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
BQJ8MW-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
BTB4CQ-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
BWN49H-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
BYLM2R-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
BZMHW8-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
BZMKLC-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
CAFFP9-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
CL4ZYW-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
CPLGUM-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
CRBJ3W-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
CXWGNX-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
CYNX8K-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM



TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
D22V6A-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
D6Z82A-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
D86YTM-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
D8G8NV-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
D9R6N7-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
DDNXQ2-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
DFRHU2-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
DHWC47-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
DK6A7M-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
DLYZC3-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
DMKXZ9-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
DY8RV2-5165	D, LR	A, LT	A, LP	A, RT	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
DYNY46-5161	D, LR	NI	D, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
E7GPRJ-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
E8WQ9T-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
E9HQL4-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
ECU8KM-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
EFBYAU-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
EHCZCC-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
EMUX49-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
EN48UK-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM

TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
EQZREK-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
F684QP-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
F7YZFJ-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
FBHJQL-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
FBWGRD-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
FGFTHY-5161	D, LL	NI	A, LP	NI	C, RI	D, RL	C, LT	A, LI	A, LL	C, LP	NI	A, LM
FJ3GUY-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
FJQNC4-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
FKHK2X-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
FNGYM3-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
FQ9VBW-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
FWC2ND-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
G9VYW2-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
GBPTN4-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
GEM97Z-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
GFG4X3-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
GFKMMQ-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
GHP9DC-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
GK6YW2-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
GKWBL3-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM

TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
GQFTGP-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
GVAVH4-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
GWQMZZ-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
GZUHJ4-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
HBMLYG-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
HEMPTP-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
HFB67D-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
HH4XGN-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
HHD2H4-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
HL39A4-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
HMYTW3-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
HNPRB2-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
HRTMU4-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
HW3YTP-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
J9B73V-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
JCXMKF-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
JH3J72-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
JHDMGE-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
JURJX4-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
JXD6PQ-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
JZ48XZ-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM

TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
K7ZJ73-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
KBX3BL-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
KC2WHE-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
KDCX6D-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
KFPE4W-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
KHEFAK-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
KK8CXE-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
KLER6K-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
KQ9L68-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
KTF443-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
KTTMZT-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
KTZKJ6-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
KVR87E-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
L2MZPK-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
L78G9X-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
L9798P-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
L9WPPC-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
LDCXDC-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
LN6EUE-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
M2HZ3Q-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM

TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
MALBMB-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
MB38N9-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
ML7NAW-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
MMH7PV-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
MMLL3W-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
MW77WT-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
MZQ4DW-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
N4QF9W-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
N6ZKMK-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
N82PY6-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
NAUEKL-5161	D, LR	INC	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
NGPGLX-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
NHL29W-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
NHWYA8-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
NRCFD3-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
NRKNXW-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
NUCMKT-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
NYA8LW-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
NZ7R9W-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
NZBA2A-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
P32W8U-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM

TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
P66QTU-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
P8JVVV-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
PD6TKX-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
PD9DBL-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
PDHGRQ-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
PDNUAK-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
PDZUT9-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
PMKZUU-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
PP4PMY-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
PRQ9NW-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
PVPPKW-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
PZX3KB-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
Q388YY-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
Q4NTY9-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
Q98RY9-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
Q9JM69-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
QJ6QET-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
QLB9DP-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
QM6299-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
QQ4D49-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM

TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
QVJLR8-5165	D, LR	NI	A, LP	C, RI	C, RI	D, RI	C, LT	A, LI	A, LI	C, LP	NI	A, LM
QWHVWB-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
QXCL3P-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
QYJZAV-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
R2CD69-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
RA2ZJX-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
RBJBQQ-5165	D, LR	A, INC	A, LP	INC	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	INC	A, LM
RDXNYJ-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
RDZBFX-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
RJUDCR-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
RUXUU8-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
RVHEXJ-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
RWL4VA-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
T6MG3G-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
T8T734-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
TATF8E-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
TNDX24-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
TPJBCQ-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
U83D2Q-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
UBJWP2-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
UC2MCT-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM

TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
UCF9NF-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
UE882D-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
UGW7KP-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
UL8R3N-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
UNTDUB-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
UQX7MN-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
URRRFF-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
UUHUMP-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
V28B3J-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
V3G8L3-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
V4UYEJ-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
V7MHQH-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
VAQ6Q3-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
VD46MT-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
VDFXWQ-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
VHGPUE-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
VT4NKK-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
VWD4XP-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
VZCEUP-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
W9RGMW-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM



TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
WB6HZ4-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
WKNMHF-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
WNTHTR-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
WR44BQ-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
WYDQQJ-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
X96AZC-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
XC7EIJ-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
XLAN2A-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
XNQA2J-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
XU2BQK-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
XYLYQK-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
Y3QAMJ-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
Y47H6K-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
Y86U2K-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
YDKR4L-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
YEPRWY-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
YFG8PG-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
YHAQ2G-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
YHUFDA-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
YJZ3L8-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM

TABLE 1

WebCode- Test	Items Q1-Q4				Items Q5-Q8				Items Q9-Q12			
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
YK9BFZ-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
YLRB2-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
YQ46Q9-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
YQK43K-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
ZEMHFL-5161	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
ZGUZDH-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
ZKYXDX-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
ZNC7CA-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM
ZQE6AV-5165	D, LR	NI	A, LP	NI	C, RI	D, RI	C, LT	A, LI	A, LL	C, LP	NI	A, LM

Response Summary												Participants: 294
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
Consensus:	<b>D, LR</b>	<b>NI</b>	<b>A, LP</b>	<b>NI</b>	<b>C, RI</b>	<b>D, RI</b>	<b>C, LT</b>	<b>A, LI</b>	<b>A, LL</b>	<b>C, LP</b>	<b>NI</b>	<b>A, LM</b>
Number:	<b>292</b>	<b>288</b>	<b>293</b>	<b>291</b>	<b>294</b>	<b>293</b>	<b>294</b>	<b>294</b>	<b>293</b>	<b>294</b>	<b>293</b>	<b>294</b>
Percent:	99.3%	98.0%	99.7%	99.0%	100.0%	99.7%	100.0%	100.0%	99.7%	100.0%	99.7%	100.0%
Not Identified (NI):	1	--	0	--	0	0	0	0	0	0	--	0
Other Identifications:	1	4	1	2	0	1	0	0	1	0	0	0
Inconclusive:	0	2	0	1	0	0	0	0	0	0	1	0

# Additional Comments

TABLE 2

WebCode-Test	Additional Comments
3D4DWE-5161	The comparisons for print Q2 to the individuals (Items 2A-2D) were inconclusive due to the lack of sufficient quality or quantity of ridge detail in the print.
6DEYK7-5165	Q2 has the appearance of a small-count left loop but there are signs of compression that may make that unreliable. The wrinkles present also make it appear to have been possibly made by the left thumb of Item A.
D6Z82A-5161	No ID made for Q2, Q4, and Q11.
GQFTGP-5161	Q2, Q4, and Q11 - Supplied POIs excluded
KVR87E-5165	Some of the exemplars were not the best and i might have asked for better exemplar prints from candidates A and C.
NRCFD3-5165	Q3: Image is rotated. Q10: Latent is upside-down
RBJBQQ-5165	Q2: Inconclusive. Insufficient quantity of level two details for identification. Area of best features at tip, not included in majority of exemplars submitted. Closest non-match A/Left Thumb, #6. Q4: Inconclusive. Insufficient Quality, level two details. Lack of clarity with minimal reliability of features. Q11: Inconclusive, leaning to exclude. Insufficient level two details and second target group to support exclusion.

-End of Report-  
(Appendix may follow)

## Test No. 24-5161: Latent Print Examination

DATA MUST BE SUBMITTED BY **April 08, 2024, 11:59 p.m. EDT** TO BE INCLUDED IN THE REPORT

Participant Code: U1234G

WebCode: DFEYWP

The Accreditation Release section can be accessed by using the "Continue to Final Submission" button above. This information can be entered at any time prior to submitting to CTS.

### Scenario:

Police are investigating a case of breaking and entering at a local boutique. One individual was seen on the security camera outside the shop and has been apprehended. Investigators have supplied you with images of known prints from the store owner, general manager, employee and suspect, Cory Mathews, Amy White, Amirah Hawa, and Yasmin Armani. They have also provided you with twelve latent prints that were collected from the scene.

*Notice! Questioned Items were not accurately sized as 1x or 2x in the printed photographs. As of 8 February 2024, a digital version of the test is provided below for immediate access to the updated images.*

### Items Submitted (Sample Pack LPP1 - Photographs):

- Item A: Known fingerprints and palm prints of store owner Cory Mathews.
- Item B: Known fingerprints and palm prints of general manager Amy White.
- Item C: Known fingerprints and palm prints of employee Amirah Hawa.
- Item D: Known fingerprints and palm prints of suspect Yasmin Armani.
- Items Q1 - Q12: Twelve latent prints recovered from the scene

To verify a complete and accurate download, the hash value for the downloaded .ZIP file is as follows:

24-5165\_LP\_Exam\_Revised\_02-2024.zip MD5 hash value: 892bf638058be5e392b139a52a9868ee

24-5165\_LP\_Exam\_Revised\_02-2024.zip SHA1 hash value: 38b062cefd3e1dcb4ea92ca0ba48cb444fdef097

### 1.) Indicate the results of your comparisons by marking the appropriate boxes.

Please indicate the specific finger or palm identified for each latent print in this test.

If the identification of a latent fingerprint is made utilizing the palm print exemplar, please indicate ONLY the identified finger. The exemplar used for identification (e.g. LP, RP) may be documented in the Additional Comments but is not required.

If a conclusive identification cannot be made, check "Not Identified" or "Inconclusive" based on your laboratory policies/procedures. Do NOT leave a blank response.

\*Should a print(s) be marked "Inconclusive," please document the reason in the Additional Comments section of this data sheet.\*

	Item Letter	#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	Right Palm	Left Palm	Not Identified	Inconclusive*
		RT	RI	RM	RR	RL	LT	LI	LM	LR	LL	RP	LP		
Example 1	A	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Example 2		<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

1.) continued.

		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	Right Palm	Left Palm		
	Item Letter	RT	RI	RM	RR	RL	LT	LI	LM	LR	LL	RP	LP	Not Identified	Inconclusive*
Q1	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q2	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q3	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q4	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	Right Palm	Left Palm		
	Item Letter	RT	RI	RM	RR	RL	LT	LI	LM	LR	LL	RP	LP	Not Identified	Inconclusive*
Q5	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q6	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q7	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q8	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

		#1	#2	#3	#4	#5	#6	#7	#8	#9	#10	Right Palm	Left Palm		
	Item Letter	RT	RI	RM	RR	RL	LT	LI	LM	LR	LL	RP	LP	Not Identified	Inconclusive*
Q9	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q10	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q11	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Q12	<input type="text"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

2.) Additional Comments

**Please note:** Any additional formatting applied in the free form space below will not transfer to the Summary Report and may cause your information to be illegible. This includes additional spacing and returns that present your response in lists and tabular formats.

\*Should a print(s) be marked "Inconclusive," please document the reason in the Additional Comments section of this data sheet.\*

Note: Written conclusions are not required for this test. They are not to be substituted for additional comments.

## RELEASE OF DATA TO ACCREDITATION BODIES

The Accreditation Release is accessed by pressing the "Continue to Final Submission" button online and can be completed at any time prior to submission to CTS.

CTS submits external proficiency test data directly to ANAB and/or A2LA. Please select one of the following statements to ensure your data is handled appropriately.

- This participant's data is intended for submission to ANAB and/or A2LA. (Accreditation Release section below must be completed.)
- This participant's data is not intended for submission to ANAB and/or A2LA.

Have the laboratory's designated individual complete the following steps **only if your laboratory is accredited in this testing/calibration discipline** by one or more of the following Accreditation Bodies.

### **Step 1: Provide the applicable Accreditation Certificate Number(s) for your laboratory.**

ANAB Certificate No.

A2LA Certificate No.

### **Step 2: Complete the Laboratory Identifying Information in its entirety.**

Authorized Contact Person and Title

Laboratory Name

Location (City/State)