



Latent Print Examination Test No. 23-5161/5 Summary Report

Each sample pack of this test contained one of the following: digitally produced photographs (23-5161) or directly downloadable digital images (23-5165) of twelve latent prints and four sets of known finger and palm imprints. Participants were asked to compare these items and report their findings. Data was returned from 312 participants: 139 for 23-5161, and 173 for 23-5165 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 pack contained either photographs or digital images consisting of known finger and palm imprints of four individuals and twelve latent "crime scene prints." Ten of the twelve latent prints were made by individuals for whom inked prints were provided; two were from an individual for whom inked prints were not provided.

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: The expected Identification and Not Identified responses were reported by the predistribution examiners.

SAMPLE PACK ASSEMBLY: Once verification was complete and sample preparation was done, each photo set was packaged and sealed. Digital download media were zipped and uploaded to the CTS portal.

Latent No.	Print Source
Q1	Item C, Right Middle (C, RM)
Q2	Item A, Right Middle (A, RM)
Q3	Item A, Right Little (A, RL)
Q4	Item C, Left Palm (C, LP)
Q5	Item B, Right Palm (B, RP)
Q6	Item C, Right Ring (C, RR)
Q7	Item B, Left Thumb (B, LT)
Q8	Item B, Right Index (B, RI)
Q9	Item B, Right Thumb (B, RT)
Q10	Not Provided, - (NI)
Q11	Not Provided, - (NI)
Q12	Item A, Left Thumb (A, LT)

Summary Comments

This test was designed to allow participants to assess their proficiency in the identification of latent finger and palm prints. Ten latent prints (Q1-Q9 and Q12) were made by one of the four individuals for whom inked prints were provided (Items A-D). Two latent prints (Q10 and Q11) were from an individual for whom inked prints were not provided (Refer to the Manufacturer's Information for preparation details).

Of the 312 responding participants, 305 (97.8%) reported the expected 10 identifications and two non-identifications. In the establishing of the consensus, inconclusive (INC) results are included with non-identifications (NI). There were seven 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
23WE98-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
26ZV3C-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
2DDW9D-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
2HBNRN-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
2JFEUX-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
2JYY6G-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
2KHGWE-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
2L832E-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
2MGHLJ-5161	C, RM	A, RM	NI	C, LP	B, RP	C, RR	B, LT	B, RI	NI	NI	NI	A, LT
2NHLVT-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
2UH7BX-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
32C84P-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
3BJBD2-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
3CK6GB-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
3FDGLB-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
3FX7VJ-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
3GCWF3-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
3GNAL6-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
3HP6BE-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT

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
3KCJXR- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
3LLR43- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
3MYTXX- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
3QWY9G- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
3RNZ6R- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
3TH3BN- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
3U8HYA- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
3VFX2A- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
43Q46Z- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
4732GG- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
4F3NWX- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
4F8FGP- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
4FKPN9- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
4P2JTA- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
4P677G- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
4QE9X8- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
4QRN7H- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
4YCLEB- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
68GCW4- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT

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
6AKFKG- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
6C6U9J- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
6FD3LK- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
6HGY89- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
6JQWU- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
6NK8LX- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
6NNUY7- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
6RV7DD- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
6U8JGA- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
6WNPAG- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
7827GE- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
788WVC- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
7EJE3P- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
7JBTL6- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
7MLZJR- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
7TALQE- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
7U7JX7- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
7V66VW- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
7VWRYU- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT

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
7Y4L77- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
7YJXTG- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
7ZT4Q8- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
82GD9F- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
846DAP- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
86FZ4W- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
89G94Z- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
8AJQYM- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
8KJDT6- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
8L468C- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
8RB4KU- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
8TWCE4- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
8UHFL6- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
8UJ8JC- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
8UQZXY- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
8VADVW- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
8W442B- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
97CCFW- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
97L6UQ- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT

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
9BCZAG-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
9CFW8T-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
9EFANR-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
9F4C27-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
9FZPNY-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
9GTK66-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
9H8XY4-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
9Q37D4-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
9TMLCJ-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
A3QLGY-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
A4KB3C-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
A4WG8A-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
A8KT7F-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
A8YG6L-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
A97DGW-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
ACX9NA-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
ADRAQ2-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
AF9FNH-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
AHZZN2-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT

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
AJWDCT-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
AMZMTG-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
AT2Z9F-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
AUZNA-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
B2QQPF-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
B9PBVH-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
BD7JG8-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
BKJRKH-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
BQ8ED3-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
BQELGV-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
BRXLD7-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
C7D2VW-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
CAL722-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
CFPLCR-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
CHULGD-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
CJ8YZ-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
CJDJZ2-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
CJK63C-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
CM7QBX-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
CMDVW2-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	INC	A, LT

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
CMZH2D-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
CPGBJ8-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, RT	B, RI	B, RT	NI	NI	A, LT
CT6GAH-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
D66693-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
D72HWW-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
D89ZPN-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
D8ML3W-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
DADPUH-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
DBCWDU-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
DGACXB-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
DJW4TE-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
DQFEX3-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
DREBVD-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
DTPE8F-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
DXL2Z4-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
E3EGA8-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
EAFHQ2-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
EEB8AU-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
ENBWPY-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT

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
ET228M-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
ET2CCK-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
ET87TQ-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
EU6W6Q-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
F6K4MC-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
F9EH2V-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
FDRXH6-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
FJXYQV-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
FKKGAM-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
FPX8PQ-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
FR89YZ-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
FVTL94-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
FXPMEU-5165	C, RM	A, RM	A, RL	B, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
G29UHN-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
G7FHYY-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
G8DMYX-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
GM3WDN-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
GM3XZ8-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
GPT6JH-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT

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
GQP9K7-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
GRFLTQ-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
GU9XT3-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
H4NWP6-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
H8XMEK-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	NI	NI	NI	A, LT
HATPP3-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
HKJ3HJ-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
HNFFQB-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
HQZNY7-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
HTCDQU-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
HV4C4R-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
HWVHW8-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
J2NQ8P-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
J6JK39-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
J8M6GD-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
JABGFJ-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
JDTB3Q-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	INC	A, LT
JFHJ9L-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
JFYYVF-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT

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
JJCHGP-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
JL7LRQ-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
JPN4U3-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
JQJXFD-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
JQXUUB-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
K6UYP9-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
K7DLQ9-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
K8MX3H-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
KDN4HA-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
KG3X7U-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
KGN28G-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
KK7LPQ-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
KKMHHP-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
KQUAMG-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
KVAP3Z-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
LC2LKU-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
LCWV3K-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
LJAJJM-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
LKPNGV-5165	C, RM	NI	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT

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
LKVT3Z- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
LMUVFN- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
LNNYAD- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
LUCNUN- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
LV3U9T- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
LWJX7P- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
LWP83W- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
LZPHYW- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
M44F4X- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
M66JAU- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
MGZYV- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
MJLLKR- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
MLG2JE- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
MN8244- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
MPFHUM- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
MY49G4- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
MY4DQL- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
N6DM67- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
NDEFKE- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT

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
NDYDEK-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
NFH7VZ-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
NFNE87-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
NLBA3H-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
NRNUCN-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
NU9UB6-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
NZPD7T-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
P672NF-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
P6XM39-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
PDH99Q-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
PHLBM-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
PQP79J-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
PTQP7L-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
PW4G98-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
Q6JV2V-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
QDPUBL-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
QHRR6X-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
QKLW86-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
QNUXJZ-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
QR8PJ6-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT

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
QYBLBH-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
QZ6DKD-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
R6HHUT-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
RCWGAP-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
RDUR6T-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	NI	NI	NI	A, LT
RNL7WD-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
RT2P4M-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
RZ2T6J-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
RZY6LK-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
T7JVVF-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
TA969Y-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
TAQ4HP-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
TCNTAL-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
TCRP3B-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
TD8JVN-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
TFBAZH-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
TM8DHP-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
TPLBLJ-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	NI	NI	NI	A, LT
TXQKKK-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT

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
TZHLPJ-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
U2CPYK-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
U88XTF-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
UAEX8U-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
UAUGUD-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
UZNML7-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
V9K8HC-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
VAQCWF-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	INC	NI	A, LT
VFLW8Q-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
VFXV2Z-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
VLFU2K-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
VNE6RH-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
VPE9MP-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
VWNBKBB-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
VZ84N8-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
VZAG6R-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
W38QHM-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
W6DNX6-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
WCRJTD-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT

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
WGW47A- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
WHBQKH- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
WJWB7G- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
WLKD4V- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
WLLKDX- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
WNCYPE- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
WP33GZ- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
WQEFWN- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
WQKZ7P- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
WRENNK- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
WRGDTH- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
WT7VCJ- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
WTPPBJ- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
WUWY47- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
WXZ33Z- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
X6GPLM- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
X7BD4H- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
XBCR3T- 5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
XHJPZT- 5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT

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
XJPQQD-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
XPEUTU-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
Y38YVH-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
Y4X49R-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
Y6PC4N-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
YADV6J-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
YCWR7U-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
YFNL4-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
YJE3D4-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
YLBUYA-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
YPCCDB-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
YQNLCH-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
YV4YFQ-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
YVJHVG-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
YYHUX9-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
Z49ECN-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
Z7GKTJ-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
ZAHLXM-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
ZBGMAG-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT

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
ZCMC7M-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
ZCNM XR-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
ZE8EKM-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
ZM6VH8-5161	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
ZQCADN-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
ZXL2QA-5165	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT

Response Summary												Participants: 312
	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
Consensus:	C, RM	A, RM	A, RL	C, LP	B, RP	C, RR	B, LT	B, RI	B, RT	NI	NI	A, LT
Number:	312	311	311	311	312	312	311	312	308	311	310	312
Percent:	100.0%	99.7%	99.7%	99.7%	100.0%	100.0%	99.7%	100.0%	98.7%	99.7%	99.4%	100.0%
Not Identified (NI):	0	1	1	0	0	0	0	0	4	--	--	0
Other Identifications:	0	0	0	1	0	0	1	0	0	0	0	0
Inconclusive:	0	0	0	0	0	0	0	0	0	1	2	0

Additional Comments

TABLE 2

WebCode-Test	Additional Comments
2DDW9D-5161	Some exemplars were blurry/soft. There are differences in the quality of the 1x vs the 2x; for example, the faint portion of the core area of Q3 is clearer in the 2x than the 1x.
43Q46Z-5165	Q10 and Q11 - Doesn't belong to any of the ten prints provided.
97CCFW-5165	Latents 10 & 11 not identified to the supplied tenprint records.
CMDVW2-5165	Q11 (inconclusive for subjects A and D, exclusion for subjects B and C). Inconclusive reason: This latent print originated from the palm of the hand. Portions of the exemplar prints had areas of insufficient friction ridge detail or were not recorded at all, thus a complete comparison could not be conducted.
JDTB3Q-5165	Q11: 1 PP - orientation based on joints present in print, however, morphological location is unknown as it could be multiple areas of the interdigital area of a right palm or left palm. SOPs: [Number] "Latent palm and sole print exclusions shall include sufficient surface area and ridge flow to determine absolute orientation and morphological location and some Level II detail discrepancy." - does not meet policy for exclusion. Final comparison results: A: Inconclusive: Lack of sufficient quality and quantity of friction ridge detail in the latent print and known impressions. B: Inconclusive: Lack of sufficient quality and quantity of friction ridge detail in the latent print and known impressions. C: Inconclusive: Lack of sufficient quality and quantity of friction ridge detail in the latent print. D: Inconclusive: Lack of sufficient quality and quantity of friction ridge detail in the latent print and known impressions
MGYZYV-5161	Q11 - There is a large gap between the palm and the joint. Both the palm and the joint are suitable for comparison. In casework, I would treat this as two latent impressions.
P672NF-5165	I understand that we need to test the analysts' abilities, but 12 questioned impressions and 4 sets of unknowns is little bit excessive. I would urge CTS to consider decreasing the number of questioned samples and possible the number of known subjects.
VAQCWF-5165	Q10 - Lack of sufficient quality and quantity of friction ridge detail in the latent print. Absolute orientation unknown.
VZ84N8-5165	Associated with Laboratory number [LAB ID NUMBER].

-End of Report-
(Appendix may follow)

Collaborative Testing Services ~ Forensic Testing Program

Test No. 23-5161: Latent Print Examination

DATA MUST BE SUBMITTED BY **March 27, 2023, 11:59 p.m. EDT** TO BE INCLUDED IN THE REPORT

Participant Code: U1234A

WebCode: YV3MPU

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 theft of a local restaurant. The owners of the restaurant, Allison Brown and Jessica Anderson, noticed the break-in upon opening the restaurant in the morning. Based on CCTV outside the restaurant, two individuals have been identified as suspects. Investigators have supplied you with images of twelve latent prints collected from inside the restaurant. They have also provided you with images of known prints from the restaurant owners, as well as the two suspected individuals.

Items Submitted (Sample Pack LPP1 - Photographs):

- Item A: Known fingerprints and palm prints of Allison Brown
- Item B: Known fingerprints and palm prints of Jessica Anderson
- Item C: Known fingerprints and palm prints of suspect Katie McIntyre
- Item D: Known fingerprints and palm prints of suspect Chris Cook
- Items Q1 - Q12: Twelve latent prints recovered from the scene

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	Not Identified	Inconclusive*
	Item Letter	RT	RI	RM	RR	RL	LT	LI	LM	LR	LL	RP	LP		
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	Not Identified	Inconclusive*
	Item Letter	RT	RI	RM	RR	RL	LT	LI	LM	LR	LL	RP	LP		
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	Not Identified	Inconclusive*
	Item Letter	RT	RI	RM	RR	RL	LT	LI	LM	LR	LL	RP	LP		
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 ASCLD/LAB, 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 ASCLD/LAB, ANAB, and/or A2LA. (Accreditation Release section below must be completed.)
- This participant's data is **not** intended for submission to ASCLD/LAB, 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.
(Include ASCLD/LAB Certificate here)

A2LA Certificate No.

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

Authorized Contact Person and Title

Laboratory Name

Location (City/State)