



**Occupational Testing Services**

**Information Systems**

**Supplemental Specifications**

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# LabCorp OTS Web Services Supplemental Specifications

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### Revision History

Revision	Date	Author	Description
2.0	11/19/2010	Mike Murphy	Set new major revision of this document to 2.0. Deleted Revision History entries for revisions 1.x. Reordered, revised and updated the abbreviations in table 5.8.
2.1	10/20/2011	Peter Gucwa	Added new form types to 4.5 Form Type Id
2.2	5/3/1018	Peter Gucwa	T - New Qualitative Result added to table 5.5

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## 1. ACRONYMS AND TERMS

Term	Meaning
Catalog Id, Device Name	Identifier of an instant test (POCT) device, also falls under the category of a panel. The identifier consists of ASCII characters of variable length. Only LCTS accounts support instant testing.
CCF	Chain of Custody Form – A form that contains the record of a donor registration, specimen collection, and sometimes contains the results of drug screening tests for that specimen.
Client	Web Service consumer
COC	Chain of Custody – A form that contains the record of a donor registration, specimen collection, and sometimes contains the results of drug screening tests for that specimen.
DOT	United States Department of Transportation. The DOT defines rules and regulations for drug testing of safety-sensitive transportation employees.
Drug Profile	A panel of lab based tests
Drug Id	Identifier of a drug class and/or drug.
Hack Number	Taxi/limousine operator license number
HTTPS	Hypertext Transfer Protocol Secure
LabCorp	Laboratory Corporation of America® Holdings
LCLS	LabCorp Laboratory System (clinical mainframe) LCLS account IDs are always 8 characters, usually digits. See <i>Section 4.1</i>
LCTS	LabCorp Toxicology System (toxicology mainframe) LCTS account numbers are always 6 digits. See <i>Section 4.1</i>
Location Code	Additional qualifier of an account identifier that enables clients to track their locations. See <i>Section 4.1</i>
MRO	Medical Review Officer
ORD	Optional or Required or Denied. See <i>Section 2.0</i>
OTS	Occupational Testing Services, a division of LabCorp.
Panel	Generic name for a set of tests
Panel Id	A Catalog Id, Profile Id, or a Test Id.
POCT	Point of collection test, also referred to as an instant test
Profile, Profile Id, Profile Number	Panel identifier of lab-based tests that are managed by the LCTS.
SOAP	Simple Object Access Protocol
Specimen Id	Identifier of a specimen, 10 characters in length for those specimens processed by the LCTS system, 12 characters in length for those specimens processed by the LCLS system.
SSN	Social Security Number
System	Web Services provider
Test Code, Test Id, Test Number	Panel identifier of lab-based tests that are managed by the LCLS
WSDL	Web Services Description Language
XML	Extensible Markup Language

## 2.0 Request Field Optionality

### 2.1 Required I Fields

Required fields in Web Service requests are designated by the letter “R” in the “Optionality” column. Required fields shall be present in the service request and shall have a value.

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#### 2.2 Optional (O) Fields

Optional fields in Web Service requests are designated by the letter “O” in the “Optionality” column. Optional fields shall be present in the service request and may or may not have a value.

#### 2.3 Account Dependent (AD) Fields

Account dependent fields in Web Service requests are designated by the letter “AD” in the “Optionality” column. Account dependent fields are defined during an account’s setup. The setting for an account dependent field is “O”, for optional, “R”, for required, or “D”, for denied. The meaning of these settings is as follows:

O – The field shall be present in the service request and it may or may not have a value.

R – The field shall be present in the service request and it shall have a value.

D – In web services calls it works like O

Fields that support these settings are referred to as “ORD” fields. A prime example of an ORD field is Social Security Number or SSN.

- Some clients allow the use of SSN but do not require its use; for them SSN will be set up as an O field.
- Some clients require the use of SSN; for them SSN will be set up as an R field.

Other examples of ORD fields are donor identifier, date of birth, hack number, license expiration date, physician identifier, clinic information, parole officer, donor day phone, and donor evening phone.

**The LCTS mainframe system and therefore LCTS accounts only support a limited set of Account Dependent (AD) fields.** Specifically, they support:

- Donor ID
- Donor Name
- Donor Phone
- Donor SSN
- Donor Sex

For LCTS accounts, all Account Dependent fields not listed above shall be “D”. (LCTS accounts are distinguished by their 6-digit account number. LCLS accounts have an 8-digit account number.)

### 3.0 Response Fields Optionality

All defined fields for a given Web Service response are present in the response. Each field may or may not contain a value as defined below.

#### 3.1 Always Populated (A) Fields

Always populated fields, designated by the letter “A”, shall contain values.

#### 3.2 Conditionally Populated I Fields

Conditionally populated fields, designated by the letter “C”, shall contain a value if a value is present for that field on the Web Service’s server.

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## 4.0 Additional Information

### 4.1 Location Codes

Clients of LabCorp OTS are distinguished by account identifiers. Some clients have multiple sites (locations) that they wish to track when LabCorp OTS performs services for those clients. A single account may have multiple location codes.

#### *Types of Location Codes*

There are two types of location codes, registered and unregistered.

Registered location codes are predefined ASCII strings provided to LabCorp OTS by the client and included as a part of the client account setup.

Unregistered location codes are ASCII strings whose maximum length, between 1 and 30 characters, are selected by the client. That length is entered as part of client account setup.

#### *Use of Location Codes*

Before a client's account is setup, the client shall choose to use one of:

1. Registered location codes
2. Unregistered location codes
3. No location codes

An account shall not use more than one type of location code.

Accounts that use registered location codes shall provide a location code when accessing services via the Web Services. That location code shall equal a predefined location code for that account.

Accounts that use unregistered location codes shall provide a location code when accessing services via the Web Services. That location code shall be an ASCII string containing at least 1 non-space character and shall not exceed the predefined length. The ASCII string value entered for an unregistered location code is significant only to the client and shall be preserved unchanged by the system.

Users of accounts that do not use location codes shall not enter a location code when accessing the Web Services. The system shall ensure that no location codes are associated with service requests for these accounts.

### LabCorp Mainframe Systems and Customer Accounts

LabCorp uses two different mainframe systems for OTS testing, the LCTS and the LCLS (see Section 1, *Acronyms and Terms*).

OTS customer accounts are divided between these two systems. The division is based on the type of testing required and other customer requirements.

LCLS accounts (distinguished by their 8-character account ID) may only order LCLS tests (6-character Test Codes). More than one test may be ordered for a given registration.

LCTS accounts (distinguished by their 6-digit account number) may only order a single profile or a single POCT device for a given registration. When ordering a profile, an LCTS account may only order from those profiles set up in advance for the account. When ordering a POCT device, an LCTS account may only order that POCT device set up for the account.

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#### 4.2 Error Codes and Error Descriptions

Code	Description
1	Invalid data
2	Required field is missing
3	Field is not applicable for the account
4	Account does not exist
5	Registration does not exist
6	Invalid data format
7	System error
8	Collection initiated
9	Password Expired
10	Invalid Location Code
11	Not Found
12	Not Authorized
13	Invalid User Id or Password
14	The new password entered does not meet password standards
15	Not a Web Service user
16	Not yet sent

#### 4.3 State Codes

State Code	Meaning	State Code	Meaning
AB	Alberta (Canada)	NB	New Brunswick (Canada)
AK	Alaska	NC	North Carolina
AL	Alabama	ND	North Dakota
AR	Arkansas	NE	Nebraska
AZ	Arizona	NH	New Hampshire
BC	British Columbia (Canada)	NJ	New Jersey
CA	California	NM	New Mexico
CO	Colorado	NS	Nova Scotia (Canada)
CT	Connecticut	NV	Nevada
DC	District of Columbia	NY	New York
DE	Delaware	OH	Ohio
FL	Florida	OK	Oklahoma
GA	Georgia	ON	Ontario (Canada)
GU	Guam	OR	Oregon
HI	Hawaii	PA	Pennsylvania
IA	Iowa	PR	Puerto Rico
ID	Idaho	QC	Quebec (Canada)
IL	Illinois	RI	Rhode Island
IN	Indiana	SC	South Carolina
KS	Kansas	SD	South Dakota
KY	Kentucky	SK	Saskatchewan (Canada)
LA	Louisiana	TN	Tennessee
MA	Massachusetts	TX	Texas
MB	Manitoba (Canada)	UT	Utah

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State Code	Meaning	State Code	Meaning
MD	Maryland	VA	Virginia
ME	Maine	VT	Vermont
MI	Michigan	WA	Washington
MN	Minnesota	WI	Wisconsin
MO	Missouri	WV	West Virginia
MS	Mississippi	WY	Wyoming
MT	Montana		

#### 4.4 Donor “Reason for Test” Id

Id	Meaning
RA	RANDOM
PE	PRE-EMPLOYMENT
PA	POST ACCIDENT
RC	REASONABLE CAUSE
RD	RETURN TO DUTY
FU	FOLLOW-UP
PM	PERIODIC MEDICAL
PR	PROMOTION
PB	PROBATION
NI	NOT INDICATED
OT	OTHER

The following reasons for test are only supported for donor registrations under LCTS accounts (6-digit account numbers). They shall not be used for donor registrations under LCLS accounts (8-digit account numbers).

Id	Meaning
CR	CONDITIONAL REINSTATE
FD	FITNESS FOR DUTY
HR	REINSTATE HOURLY
SR	REINSTATE SALARIED
SU	UNANNOUNCED 24/13 PROC
UT	UNANNOUNCED REINSTATE

#### 4.5 Form Type Id

Id	Meaning
1	FM-590BL, NON-DOT URINE
2	FM-590PP, NON-DOT URINE
3	FM-EPASS, NON-DOT URINE
4	FM-GAYLD, NON-DOT URINE
5	FM-590OF, ORAL FLUID
6	FM-590HT, HAIR
7	FM-590PU, POCT URINE
8	FM-590PO, POCT ORAL FLUID
9	FM_580, DOT LIKE
10	FM_590PS, Spanish URINE
11	FM_FHRS, Florida URINE
12	FM_585, DOT LIKE

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#### 4.6 Password Expiration

As required by LabCorp's Corporate Security, all Web Service passwords shall expire 45 calendar days after they are established.

Clients that wish to change their password may use the Change Password Web Service. This is the only Web Service that accepts expired passwords. New passwords must meet password standards or they shall be rejected. Password standards are defined in the Change Password Use Case.

Other Web Service requests that contain an expired password shall be rejected with an error response whose errorCode shall be "9", errorDescription shall be "Password expired", and errorElement shall be "password".

#### 4.7 Resend Type Id

Id	Meaning
1	Status
2	Results
3	COC

#### 4.8 Status Id

Id	Meaning
1	Collection Initiated
2	Collection Cancelled
3	Collection Completed
4	Received at Lab
5	Resulted
6	Registration Expired
7	Collection Completed – No/Insufficient Specimen Provided
8	Collection Completed – Refusal To Test
9	Sent to Lab (only used for POCT)
11	Unreported
12	MRO Report Released

#### 4.9 Reason for test Id (This list of Reason for test Ids are applied only to Send Results service)

Id	Meaning
AD	ABSENCE > 180 DAYS
BA	BLOOD ALCOHOL
BL	BN AUTHORITY
BR	BN RETEST
CF	REASONABLE CAUSE (FHWA)
CR	CONDITIONAL REINSTATE
DE	DOT EXAM
DF	DEFAULT
DR	DRUG RECOVERY MONITORING
ET	ENGINEER TRAINING
FD	FITNESS FOR DUTY

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Id	Meaning
FF	FAA FAILURE
FM	FHWA MANDATORY
FR	FRA RANDOM
FU	FOLLOW-UP
HR	REINSTATE HOURLY
NI	NOT INDICATED
OT	OTHER
PA	POST ACCIDENT
PB	PROBATION
PE	PRE-EMPLOYMENT
PF	PRE-EMPLOYMENT(FHWA)
PM	PERIODIC MEDICAL
PR	PROMOTION
RA	RANDOM
RC	REASONABLE CAUSE
RD	RETURN TO DUTY
RF	RANDOM (FHWA)
RH	REHABILITATION
RL	RANDOM EXEMPT LETTER
RN	RANDOM EXEMPT NUMBER
RV	RETURN FROM LEAVE
SR	REINSTATE SALARIED
SU	UNANNOUNCED 24/13 PROC.
SV	SUPERVISOR (VOLUNTARY)
TF	TRANSFERRED
TT	TECHNICAL TRAINING
UK	UNKNOWN
UR	RETURN FROM FURLOUGH
UT	UNANNOUNCED REINSTATE
XC	TRANSFERRED TO COVERED JOB

#### 5.0 Testing Lab Id

Id	Meaning
MEM	LabCorp, 1120 Main Street, Southaven, MS 38671
RAR	LabCorp, 20 Johnson Drive, Raritan, NJ 08869
RTP	LabCorp, 1904 Alexander Drive, Research Triangle Park, NC 27709
TMP	LabCorp, Tampa, Florida (closed 2006)
HOU	LabCorp, 7207 North Gessner, Houston, TX 77040
SAN	LabCorp, 10788 Rosella Street, San Diego, CA 92121
SEA	LabCorp, 550 17 <sup>th</sup> Avenue Suite 300, Seattle, WA 98122
PCT	Point Of Care Test performed at the collection site

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#### 5.1 Overall Specimen Result Id

Id	Meaning
C	Cancelled
N	Negative
P	Positive
A	Abnormal

#### 5.2 DOT Specimen Result Id

Id	Meaning
N	Negative
ND	Negative-dilute
R	Rejected for testing
P	Positive
PD	Positive-dilute
A	Adulterated
S	Substituted
I	Invalid result

Table 5.3 POCT Product IDs was intentionally deleted on June 20, 2008 because it is obsolete.

#### 5.4 LabCorp Drug Ids

Please note that when all the drug(s) in the same drug class test negative, only the drug class's Drug Ids will be reported. Likewise, if one or more drugs in the same drug class test positive, each drug in that drug class will be reported. (This applies to Amphetamines, Barbiturate, Opiates, Benzodiazepines, and MDMA only.) Also, please note that LabCorp organizes drug classes based on the sample matrix: urine, blood, etc. For this reason urine and blood alcohol do not appear under the same drug class.

Drug Ids		Description
Drug Class	Drug	
001000		Amphetamines
	001100	• Amphetamine
	001200	• Methamphetamine
	030100	• l-Methamphetamine
	030200	• d-Methamphetamine
	001300	• MDA [Oral Fluid & Hair Testing]
	001400	• MDMA [Oral Fluid & Hair Testing]
	001500	• MDEA [Oral Fluid & Hair Testing]
002000		Barbiturate
	002100	• Butalbital
	002200	• Amobarbital
	002300	• Pentobarbital
	002400	• Secobarbital
	002500	• Phenobarbital
003000		Cocaine
	003100	• Cocaine
	003200	• Benzoylcegonine

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Drug Ids		Description
Drug Class	Drug	
	003300	• Cocaethylene
	003400	• Norcocaine
004000		Marijuana Metab.
005000		Methaqualone
006000		Opiates
	006100	• Codeine
	006200	• Morphine
	006300	• Hydromorphone
	006400	• Hydrocodone
007000		Phencyclidine
008000		Benzodiazepines
	008100	• N-desmethyldiazepam
	008200	• Oxazepam
	008300	• A-OH-Alprazolam
	008400	• Flurazepam
	008500	• Lorazepam
	008600	• Clonazepam
	008700	• Temazepam
	008800	• Triazolam
	008900	• Midazolam
009000		Methadone
	009100	• Methadone
	009200	• EDDP
010000		MDMA [Urine Testing]
	010100	• MDA
	010200	• MDMA
	010300	• MDEA
011000		Propoxyphene
012000		Glutethimide
013000		Oxidant
014000		Meperidine
	014100	• Meperidine
	014200	• Normeperidine
015000		Oxycodone
	015100	• Oxycodone
	015200	• Oxymorphone
016000		Pentazocine
017000		Phenytoin
018000		Tramadol
019000		Phenothiazines
020000		Chloride

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Drug Ids		Description
Drug Class	Drug	
021000		Chromate
022000		Cotinine
023000		Blood Alcohol
024000		Urine Alcohol
025000		Creatinine
026000		PH
027000		Specific Gravity
028000		Glucose
029000		MonoAcetyl Morphine
030000		L/D MethAmphetamine Ratio
040000		Nitrite
050000		Glutaraldehyde
051000		Buprenorphine
	051100	• Buprenorphine
	051200	• Norbuprenorphine
052000		Ethyl Glucuronide
	052100	• Ethyl Glucuronide
	052200	• Ethyl Sulfate
053000		Fentanyl
	053100	• Fentanyl
	053200	• Norfentanyl
060000		Surfactant
061000		Marijuana (THC)
066000		Codeine/Morphine
	066100	• Codeine
	066200	• Morphine
069000		HYC/HYM
	069100	• Hydrocodone
	069200	• Hydromorphone
070000		MDMA/MDA
	070100	• MDA
	070200	• MDMA
071000		OXYC/OXYM
	071100	• Oxycodone
	071200	• Oxymorphone
072000		6-Acetylmorphine
073000		AMP/MAMP
	073100	• Amphetamine
	073200	• Methamphetamine
074000		Cocaine metabolite
075000		THCA
076000		PCP

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#### 5.5 Qualitative Result Id

Id	Meaning
C	Cancelled
N	Negative
P	Positive
I	In Range
O	Out of Range
A	Acceptable
X	Tested; Do Not Report
T	Not Applicable

#### 5.6 Transmission Type Id

Id	Meaning
01	First time reporting
02	Retransmittal upon client request
03	Re-report; changes have likely occurred; key by Accession Number (all other fields may have changed)

#### 5.7 Comment Type Id

Id	Meaning
US	User Comment
IN	Invalid Result
AD	Adulterated
SU	Substituted
DI	Diluted
RF	Rejected for testing: fatal flaw
RU	Rejected for testing: uncorrected flaw
MS	Miscellaneous
TR	Trouble

#### 5.8 Abbreviations

Id	Meaning
08	MODE OF TRANSPORT MISSING
1A	NO ID/MATCHING ID ON BLOOD
3N	MULTIPLE ENTRIES MISSING ONCOC
3R	OUTDATED FEDERAL FORM RECEIVED
4C	NO ID ON BOTTLE
5A	DATE(S) DIFFER/INCOMP/MISSING
5B	DATE(S) DIFFERENT/INCOMPLETE/MISSING
6A	RESULT FOR 6-ACETYL MORPHINE
7A	MISSING/DIFFERENT COLL SIG(S)
7B	MISSING/DIFFERENT COLLECTOR SIGNATURE(S)
A	Adulterated
A1	Interfering substance/adult-
A2	erant suspected. Contact lab
A3	for additional information.

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Id	Meaning
A4	ACCOUNT/FORM TYPE DON'T MATCH
AA	INVALID RESULT; POSSIBLE ALDEHYDE ACTIVITY
AB	PHYSICAL APPEARANCE
AC	ABN.PHYSICAL CHARACTERISTIC
AD	FOR ADDITIONAL INFORMATION
AE	INVALID RESULT; ABNORMAL PHYSICAL CHARACTERISTIC; ABNORMAL APPEARANCE
AF	ACCT/FORM TYPE DON'T MATCH
AG	result for PCP.
AH	INVALID RESULT; ABNORMAL pH
AI	INVALID RESULT; ABNORMAL pH; pH =
AL	INVALID RESULT; ABNORMAL PHYSICAL CHARACTERISTIC; ABNORMAL ODOR AND APPEARANCE
AM	RESULT FOR AMPHETAMINE
AN	INVALID RESULT; ABNORMAL PHYSICAL CHARACTERISTIC; ABNORMAL ODOR
AO	ABNORMAL COLOR AND ODOR
AP	result for AMPHETAMINE.
AQ	ACCOUNT QUIT
AR	INVALID RESULT; ABNORMAL PHYSICAL CHARACTERISTIC; ABNORMAL COLOR AND ODOR
AS	SURFACTANT) DETECTED.
AT	of Chromate detected
AU	REJECTED FOR TESTING. ACCOUNT QUIT
AV	CHARACTERISTIC ABN.APPEARANCE
AY	INVALID RESULT; ABNORMAL PHYSICAL CHARACTERISTIC; ABNORMAL COLOR AND APPEARANCE
AZ	INVALID RESULT; ABNORMAL PHYSICAL CHARACTERISTIC; ABNORMAL COLOR
B1	Interfering substance/adult-
B2	erant suspected. Contact lab
B3	for additional information.
B9	NO DONOR SIGNATURE
BA	TSL A AND TSL B-DIFFERENT
BB	INVALID RESULT; BOTTLE A AND BOTTLE B DIFFERENT PHYSICAL APPEARANCE
BC	ABN. COLOR AND APPEARANCE
BD	REJECTED FOR TESTING. FATAL FLAW: BLOOD RECEIVED ON FEDERAL FORM
BE	Bottle B missing or empty due to a collector error.
BF	BLOOD REC'D ON FEDERAL FORM
BG	BLUE/GREEN SPECIMEN
BI	NO ID/MATCHING ID ON BLOOD
BK	BLOOD TUBE BROKEN IN TRANSIT.
BL	NO SEAL ON BLOOD VIAL
BM	BOTTLE/FORM MISMATCH
BN	Bottle B empty; leaked in transit.
BO	CHARACTERISTIC ABNORMAL COLOR
BR	A AND B BOTTLE REDESIGNATED

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Id	Meaning
BS	TAMPER EVIDENT SEAL BROKEN
BT	TAMPER-EVIDENT SEAL BROKEN
C	Canceled
C2	INVALID RESULT; CREATININE < 2.0 mg/dL. SPECIFIC GRAVITY ACCEPTABLE.
C3	INVALID RESULT; SPECIFIC GRAVITY <= 1.0010, CREATININE >= 2.0 mg/dL
C4	NO DONOR SSN, OR ID#
CA	CHARACTERISTIC ABNORMAL ODOR
CB	result for THCA.
CC	RESULT FOR COCAINE
CD	RESULT FOR CODEINE
CE	REJECTED FOR TESTING. CLIENT REQUESTED CANCELLATION
CG	EXCESSIVE FOAMING
CH	ACCOUNT ON HOLD
CI	CREATININE <= 5.0 mg/dl
CK	result for COCAINE.
CL	VALID DRUG RESULT. CONTACT LAB
CM	Specimen Adulterated: presence
CN	result for CODEINE.
CO	received for outdated COC
CP	CLIENT REQUESTED CANCELLATION
CR	SPECIMEN SUBSTITUTED
CRND	CREATININE < 1.0 mg/dL, SPECIFIC GRAVITY =
CRSG	CREATININE = mg/dL. SPECIFIC GRAVITY =
CS	COLLECTOR MISSING
CT	Specimen Adulterated: presence
CV	ABNORMAL ODOR AND APPEARANCE
CX	CHARACTERISTIC
DA	INVALID RESULT; ABNORMAL PHYSICAL CHARACTERISTIC; ODOR CHARACTERISTIC OF AMMONIA
DB	INVALID RESULT; ABNORMAL PHYSICAL CHARACTERISTIC; ODOR CHARACTERISTIC OF BLEACH
DC	MISSING/DIFFERENT COLL SIG(S)
DD	DATE(S) DIFFER/INCOMP/MISSING
DE	of Chromate detected
DG	DAMAGED IN TRANSIT
DI	ID NUMBER MISMATCH/MISSING
DILUT2	Comment:
DL	DILUTE
DM	NO DONOR SSN, OR ID #
DO	UNCORRECTED FLAW: COLLECTOR
DS	DILUTE SPECIMEN
DT	BLOOD SPECIMEN RECEIVED ON DOT
DU	OF DETERGENT (ANIONIC

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Id	Meaning
DV	INVALID RESULT; ABNORMAL PHYSICAL CHARACTERISTIC; ODOR CHARACTERISTIC OF VINEGAR
ED	PHYSICAL EXAMINATION PERFORMED
EF	EXCESSIVE FOAMING
EP	MFR REC'D TO CORRECT CCF FLAW
ET	BL/URINE ALCOHOL ON DOT FORM
EU	WRONG CCF USED
EX	INVALID RESULT; ABNORMAL PHYSICAL CHARACTERISTIC; EXCESS FOAMING
FB	Rejected for testing. Fatal Flaw: Bottle A label/seal broken or shows evidence of tampering
FD	FEDERAL FORM USED FOR NON-DOT
FF	FREEFORM DESCRIPTION
FL	NAME ENTERED IN STEP 1C (AHCA)
FM	INVALID RESULT; ABNORMAL PHYSICAL CHARACTERISTIC; FOREIGN MATERIAL PRESENT.
FN	Rejected for testing. Fatal Flaw: No collector printed name & No signature
FO	FOAMING OR ODOR OF DETERGENT
FS	FATAL FLAW: SPECIMEN
FT	FATAL FLAW:
FTR	TOTAL FAILED TO RECONFIRM
FV	Rejected for testing. Fatal Flaw: Bottle A insufficient specimen volume
FW	FATAL FLAW: NO COLLECTOR
G1	Specimen Adulterated: presence
G2	of Glutaraldehyde detected
G3	Specimen Adulterated: presence
G4	of Glutaraldehyde detected
GB	BLUE/GREEN SPECIMEN
GC	GC/MS INTERFERENCE
GE	ADULTERATED; GLUTERALDEHYDE =
GI	GC/MS INTERFERENCE AND
GP	ADULTERATED; GLUTERALDEHYDE PRESENT
GR	INVALID RESULT; GC/MS INTERFERENCE
GS	SP.GR. ACCEPTABLE
HE	Rejected for Testing. Uncorrected Flaw: Root End Not Identified
HPH2	Comment:
I1	INTERFERANT PREVENTING
I2	ACCEPTABLE IMMUNOASSAY RESULT
IA	INACTIVE ACCOUNT
IC	Insufficient volume collected.
ID	NO ID ON BOTTLE
IE	REJECTED FOR TESTING. FATAL FLAW: INSUFFICIENT VOLUME RECEIVED
IG	INVALID RESULT; GC/MS INTERFERENCE AND IMMUNOASSAY INTERFERENCE
IM	IMMUNOASSAY INTERFERANCE
IN	INVALID RESULT:CANNOT
INVL2	Comment:

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Id	Meaning
IR	INVALID RESULT:
IS	Incorrect specimen submitted
IT	REJECTED FOR TESTING. INACTIVE ACCOUNT
IU	INVALID RESULT. UNABLE TO
IV	INVALID RESULT:
IY	INVALID RESULT; IMMUNOASSAY INTERFERENCE
JR	REJECTED FOR TESTING:
LA	LABORATORY ACCIDENT
LB	REJECTED FOR TESTING. LABORATORY ACCIDENT
LO	REJECTED FOR TESTING. LOW VOLUME-NO APPARENT LEAKAGE
LPH2	Comment:
LV	INSUFFICIENT VOLUME RECEIVED
LW	A & B redesignated due to collector labeling bottle with smaller volume as Bottle A.
M01	INVALID RESULT; POSSIBLE ALDEHYDE ACTIVITY
M02	INVALID RESULT; POSSIBLE OXIDANT ACTIVITY
M03	INVALID RESULT; ABNORMAL pH
M04	INVALID RESULT; CREATININE < 2.0 mg/dL. SPECIFIC GRAVITY ACCEPTABLE.
M05	INVALID RESULT; SPECIFIC GRAVITY <= 1.0010, CREATININE >= 2.0 mg/dL
M06	SUBSTITUTED
M07	DILUTE
M08	INVALID RESULT; ABNORMAL PHYSICAL CHARACTERISTIC; ABNORMAL COLOR
M09	INVALID RESULT; BOTTLE A AND BOTTLE B DIFFERENT PHYSICAL APPEARANCE
M10	INVALID RESULT; ABNORMAL PHYSICAL CHARACTERISTIC; EXCESS FOAMING
M11	INVALID RESULT; ABNORMAL PHYSICAL CHARACTERISTIC; FOREIGN MATERIAL PRESENT.
M12	ADULTERATED; pH TOO LOW
M13	ADULTERATED; pH TOO HIGH
M14	ADULTERATED; GLUTERALDEHYDE PRESENT
M15	ADULTERATED; SURFACTANT PRESENT
M16	ADULTERATED; NITRITE TOO HIGH
MA	RESULT FOR METHAMPHETAMINE
MC	MEMORANDUM FOR RECORD RECEIVED TO CORRECT CHAIN OF CUSTODY FLAW
MDA	RESULT FOR MDA
MDEA	RESULT FOR MDEA
MDM	RESULT FOR MDM
MDMA	RESULT FOR MDMA
ME	MULTIPLE ENTRIES MISSING ONCOC
MH	result for METHAMPHETAMINE.
MI	IMMUNOASSAY INTERFERENCE
MM	BOTTLE/FORM MISMATCH
MN	MEDICAL REVIEW OFFICER NAME NOT ON FORM
MO	RESULT FOR MORPHINE
MP	result for MORPHINE.
MR	MRO NAME NOT ON FORM

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Id	Meaning
MS	PREPRINTED BARCODE SEAL MISSNG
MT	REJECTED FOR TESTING. FATAL FLAW: SPECIMEN ID NUMBER MISMATCH/MISSING
N	Negative
N1	Specimen Adulterated: Nitrite
N2	is too high
N3	Specimen Adulterated: Nitrite
N4	is too high
N5	ADULTERATED-NITRITE TOO HIGH
N6	Testing Authority not NRC.
NA	Rejected for Testing: Uncorrected flaw: No Active Account Obtained from MRO/Employer
NB	NO BOTTLE RECEIVED
NC	PRINTED NAME & NO SIGNATURE
ND	REJECTED FOR TESTING. NO BOTTLE RECEIVED WITH FORM
NE	NON-EXISTENT
NF	NO FORM RECEIVED WITH BOTTLE
NI	ADULTERATED; NITRITE TOO HIGH
NL	REJECTED FOR TESTING. FATAL FLAW: NO SEAL ON BLOOD VIAL
NM	REJECTED FOR TESTING. NO FORM RECEIVED WITH BOTTLE
NN	REJECTED FOR TESTING. NON-EXISTENT SAMPLE
NO	REJECTED FOR TESTING. NO SEAL ON BOTTLE, PLEASE RESUBMIT
NOD	CREATININE < 1.0 mg/dL, SPECIFIC GRAVITY =
NON	TOTAL NON-NEGATIVE
NP	REJECTED FOR TESTING. NO COLLECTOR PRINTED NAME & NO SIGNATURE
NQ	ADULTERATED; NITRITE =
NR	Account Number not setup as an NRC account.
NS	NO SEAL ON BOTTLE
NT	NO TEST NUMBER IS REQUESTED
OA	ODOR CHARACTERISTIC OF AMMONIA
OC	OTSAIN VALID CONFIRMATORY
OD	Rejected for Testing. Fatal Flaw: Non-Testable Collection Device
OF	OUTDATED FEDERAL FORM RECEIVED
OM	Rejected for Testing. Fatal Flaw: Collection Pad Missing
OO	ODOR CHARACTERISTIC OF BLEACH
OP	RESULT FOR OPIATES
OV	ODOR CHARACTERISTIC OF VINEGAR
OX	Invalid Result: Oxidant Activity => 200 mcg/mL nitrite-equivalents
OY	INVALID RESULT; POSSIBLE OXIDANT ACTIVITY
P	Positive
P1	pH is too low.
P2	pH is too high.
P5	ADULTERATED: PH IS TOO LOW
P6	ADULTERATED - pH IS TOO HIGH
P7	ADULTERATED; pH =

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P8	ADULTERATED; pH < 2.0
P9	ADULTERATED; pH > 12.0
PA	pH IS TOO LOW
PB	pH IS TOO HIGH
PC	CANCEL/NOT THIS CLIENT'S
PE	MFR REC'D TO CORRECT CCF FLAW
PH	ABNORMAL pH
PI	ADULTERATED; pH TOO HIGH
PM	SIGNATURE AND PRINTED NAME OF
PN	COLLECTOR MISSING
PO	POSSIBLE OXIDANT ACTIVITY
PP	RESULT FOR PCP
PQ	Specimen Adulterated:
PR	OF PYRIDINE DETECTED
PS	PENDING STEROID TESTING
PW	ADULTERATED; pH TOO LOW
PY	SPECIMEN ADULTERATED: PRESENCE
Q1	QNS: UNABLE TO COMPLETE TEST
Q2	QUANTITY NOT SUFFICIENT: UNABLE TO COMPLETE TEST
QN	QNS - LEAKED IN TRANSIT
QT	REJECTED FOR TESTING. QUANTITY NOT SUFFICIENT - LEAKED IN TRANSIT, PLEASE RESUBMIT
R1	THIS IS A CORRECTED REPORT.
RC	REQUEST CANCEL PER CLIENT
RCF	TOTAL RECONFIRMED
RD	REJECTED FOR TESTING: DATE(S) DIFFERENT/INCOMPLETE/MISSING
RJ	REJECTED FOR TESTING:
RN	REJECTED FOR TESTING. NO ID OR SEAL ON BOTTLE (SLICK BOTTLE)
RP	RBL 1100 CANCELLATION
RS	Rejected. Fatal Flaw: Specimen ID number mismatch/missing
RT	REJECTED FOR TESTING
RU	REJECTED FOR TESTING. UNCORRECTED FLAW.
SA	INVALID RESULT: CANNOT OTSAIN
SB	SUBSTITUTED
SC	SIGNATURE NOT RECOVERED
SF	ADULTERATED; SURFACTANT PRESENT
SG	NO SEAL ON BOTTLE
SH	MODE OF TRANSPORT MISSING
SI	& NO SIGNATURE
SM	PREPRINTED BARCODE SEAL MISSNG
SN	SIGNATURE AND PRINTED NAME OF
SP	CANCELLATION PER SOP
SS	Specimen substituted.

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<b>Id</b>	<b>Meaning</b>
ST	Specialty lab test
SUBS2	Comment:
SX	NO DONOR SIGNATURE
T1	NO AFFIDAVIT RECEIVED FOR
T2	Rejected for Testing: Tamper Evident Seal Not Appropriately Applied to Specimen.
TA	SAMPLE TESTED AT LABCORP TAMPA
TB	TEMPERATURE BOX NOT CHECKED
TC	TESTING AUTHORITY NOT INDICATED
TE	BLOOD SPECIMEN REC'D ON DOT
TF	POINT OF COLLECTION TEST
TH	RESULT FOR THCA
TL	TOTAL
TM	TEMPERATURE OUT OF ACCEPTABLE RANGE
TN	TEST NOT PERFORMED
TO	TEMP. OUT OF ACCEPTABLE RANGE
TP	TEMPERATURE BOX NOT CHECKED
TS	REJECTED FOR TESTING. FATAL FLAW: TAMPER-EVIDENT SEAL BROKEN
TT	REJECTED FOR TESTING. BLOOD TUBE BROKEN IN TRANSIT.
UA	ODOR CHARACTERISTIC OF AMMONIA
UB	ODOR CHARACTERISTIC OF BLEACH
UC	REJECTED FOR TESTING. UNCORRECTED FLAW: COLLECTOR SIGNATURE MISSING
UD	SPECIMEN ADULTERATED: PRESENCE
UE	UNCORRECTED FLAW:
UF	TEST NOT PERFORMED
UH	BL/URINE ALCOHOL ON DOT FORM
UN	REJECTED FOR TESTING. UNCORRECTED FLAW: NO AFFIDAVIT RECEIVED
UP	REJECTED FOR TESTING. UNCORRECTED FLAW: CANCELLATION PER SOP
UR	REJECTED FOR TESTING. BLOOD OR URINE ALCOHOL REQUESTED ON DOT FORM
US	Rejected for testing. Uncorrected Flaw: Collector signature not recovered
UV	ODOR CHARACTERISTIC OF VINEGAR
UW	REJECTED FOR TESTING. UNCORRECTED FLAW: WRONG CCF USED
VC	oTSain valid confirmatory
VI	INVALID RESULT
VL	OTSAIN VALID DRUG TEST RESULT
VO	LOW VOLUME-NO APPARENT LEAKAGE
WC	REJECTED FOR TESTING. UNCORRECTED FLAW: WRONG CHAIN OF CUSTODY USED
WF	Rejected. Uncorrected Flaw: Wrong CCF used
Z1	Positive THC 100 Screen
Z2	LOD testing not required. Testing complete.
Z3	LOD testing in progress: results to follow.
Z4	Testing complete.
Z5	results to follow

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