
LabCorp OTS Web Services

Match Sites Use Case

Revision: 1.4

October 24, 2012

Implementation Copy - The requirements in this document are the basis for implementation.



Occupational Testing Services

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Revision History

Revision	Date	Author	Description
1.0	4/13/2010	Mike Murphy	Initial Draft
1.1	4/14/2010	Mike Murphy	Incorporated review comments and added information.
1.2	4/14/2010	Mike Murphy	Added fingerprint collections as a search option.
1.3	6/7/2010	Mike Murphy	Changed searchRadius and maxMatches to type Integer.
1.4	7/8/2010	Mike Murphy	Removed fingerprint collections as a search option.

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Match Sites

Use Case Summary

Goal	Match specimen collection sites to customer locations and requirements.
Frequency	Multiple times per day.

Success Scenarios

Step	Action
1	The client creates a Match Sites request and sends it to the system.
2	The system validates the request, finds matching sites, and sends a Match Sites Response.
3	The client receives and processes the response.

Exception Scenarios

Step	Action
2	The system determines that one or more elements of the submitted data are invalid. <ol style="list-style-type: none">1. The system sends an Error Response to the client.2. The use case resumes at step 3.

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Match Sites Request Details

Element	Option-ality	Data Type	Size	Notes
userId	R	String	1-30	
password	R	String	7-32	
zipCode	R	String	5	
searchRadius	O	Integer		In miles. If not specified, the default value is 25.
maxMatches	O	Integer		Valid values are 1 to 9. If not specified, the default value is 5.
breathAlcohol	O	Boolean ¹		
salivaAlcohol	O	Boolean ¹		
urineDrugs	O	Boolean ¹		
radar	O	Boolean ¹		
hair	O	Boolean ¹		
bloodDrugs	O	Boolean ¹		
WebCOC	O	Boolean ¹		

¹ TRUE means matching collection sites are required to support this collection type. FALSE means matching collection sites may or may not support this collection type. If not specified, the default value is FALSE.

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Match Sites Positive Response

Note: The Match Sites Response contains an array of the following. If no matches found, array size shall be zero.

Element	Populated	Data Type	Size	Notes
distance	A	double		The distance to collection site in miles
address1	A	string	1-60	
address2	C	string	0-60	
city	A	string	1-30	
state	A	string	2	
zip	A	string	5	Zip code of the collection site
phoneNumber	A	string	0-20	In this format: (###)###-#### x#####
collectionSiteName	A	string	0-30	
collectionSiteId	A	string	0-10	
daysofOperation	C	string	0-200	
hoursofOperation	C	string	0-200	
breathAlcohol	A	Boolean ²		
salivaAlcohol	A	Boolean ²		
urineDrugs	A	Boolean ²		
Radar	A	Boolean ²		
hair	A	Boolean ²		
bloodDrugs	A	Boolean ²		
WebCOC	A	Boolean ²		

² TRUE means the site performs this type of collection. FALSE means the site does not perform this type of collection. NULL means it is not known.

Match Sites *Error* Response

Note: The Match Sites Error Response contains an array of the following.

Element	Populated	Data Type	Size	Notes
errorCode	A	Integer		See <i>Section 4.2</i> in the Supplemental Specification for errorCodes and errorDescriptions.
errorDescription	A	String	1-100	
errorElement	C	String	0-50	For global errors, errorElement shall be null.

Additional Information:

None.

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