
LabCorp OTS Web Services

Register Donors Use Case

Revision: 1.12

May 1, 2018

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



Occupational Testing Services

Information Systems Register Donors Use Case

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Revision History

Revision	Date	Author	Description
1.0	12/08/06	Mohan Koday	Initial Draft
1.1	12/13/06	Mohan Koday	Added element 'errorCode' in error response.
1.3	12/29/06	Mohan Koday	Renamed column 'Optionality' to 'Populated' for service responses. And changed the Populated column values in service response tables.
1.4	01/08/07	Mohan Koday	Changed 'splitSpecimenRequested' & 'observedCollectionRequested' elements optionality to Boolean in Register Donors request details.
1.5	01/19/07	Mohan Koday	Changed 'donorReasonForTest' data type to String and Size as 2
1.6	02/20/07	Mohan Koday	Changed element 'donorSex' optionality to 'AD' in Register Donor Request Details. All the 'date' data types are changed to 'dateTime' data type. 'registrationTime' element in Register Donor Response has changed to 'registrationDateTime'
1.7	03/01/07	Mohan Koday	Added elements countryCode, areaCode, exchange, station, and extension under 'donorDayPhone' and 'donorEvePhone' elements in Array of Register Donors Request details.
1.8	03/22/07	Mohan Koday	Changed Eastern Time Zone to GMT Time Zone in the Notes section of Response where Time is significant. Added note saying panelId is required for LCLS registrations in Register Donors Request
1.9	09/18/07	Mike Murphy	Changed donorId field length to 0-12.
1.10	12/13/07	Greg Matthews	Changed "only the date is significant" to "both date and hour are significant." and added "All times are GMT time zone." in the Notes field for the registrationExpirationDate element.
1.11	3/3/2008	Mike Murphy	Updated notes for donorID field and splitSpecimenRequested field.
1.12	5/1/2018	Peter Gucwa	Changed registrationExpirationDate – added minutes

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Register Donors

Use Case Summary

Goal	Register multiple donors for drug screenings.
Frequency	Multiple times per day.

Success Scenarios

Step	Action
1	The client creates a Register Donors Request and sends it to the system.
2	The system validates the request, creates registrations, and sends a Register Donors 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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Register Donors Request:

Element	Optionality	Data Type	Size	Notes
userId	R	String	1-30	
password	R	String	7-32	

Array of Register Donors Request details:

Element	Optionality	Data Type	Size	Notes
accountLocationCode	AD	String	0-30	Please see <i>Section 4.1</i> in Supplemental Specifications document for more details.
accountNumber	R	String	6 or 8	
clientRegistrationId	O	String	0-50	If received in the request, shall be returned in the response.
clinicInfo	AD	String	0-26	
deptIdRandomTestCode	AD	String	0-7	
donorAdditionalIdentifier	O	String	0-50	
donorDateOfBirth	AD	DateTime		Passing time zone in the SOAP message may cause problems. So better is not to do it.
donorDayPhone	AD			
countryCode	O	String	0-3	
areaCode	AD	String	3	
exchange	AD	String	3	
station	AD	String	4	
extension	O	String	0-7	
donorEvePhone	AD			
countryCode	O	String	0-3	
areaCode	AD	String	3	
exchange	AD	String	3	
station	AD	String	4	
extension	O	String	0-7	
donorHackNumber	AD	String	6 or 7	
donorId	AD	String	0-12	Size is 0-10 for LCLS accounts.
cdl_state	O	String	2	Commercial driver license state
cdl_number	O	String	19	Commercial driver license number
donorLicenseExpirationDate	AD	DateTime		Only the date is significant
donorNameFirst	AD	String	0-25	If a name is entered, both the first and last names are required and the Middle Initial is optional.
donorNameLast	AD	String	0-35	
donorNameMiddleInitial	AD	String	0-1	
donorReasonForTest	R	String	2	Please see <i>Section 4.4</i> in Supplemental Specifications document for valid Reason for test Ids and their meanings.
donorSex	AD	String	0 or 1	Valid Values: “M” - Male or “F” – Female or Empty
donorSSN	AD	String	0 or 9	Digits only. No hyphens allowed

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Array of Register Donors Request details:

Element	Optionality	Data Type	Size	Notes
donorStateOfResidence	R	String	2	Please see <i>Section 4.3</i> in Supplemental Specifications document for more details.
panelId	O	Array of String	0-50	Enter Catalog Id for POCT accounts, Profile Id for Non POCT LCTS accounts and Test Ids for 8 digit accounts (LCLS). Panel Id is required for 8 digit accounts. If none specified, for 6 digit accounts (LCTS), the account's default will be applied by the system.
observedCollectionRequested	O	Boolean		Required for Urine test and excluded for other tests. If not specified, the account's default value false will be applied by the system.
paroleOfficer	AD	String	0-10	
physicianId	AD	String	0-10	
registrationExpirationDate	R	DateTime		Only the current or future date allowed, date, hour and minutes are significant. All times are GMT time zone.
splitSpecimenRequested	O	Boolean		If not specified, the default value false will be applied by the system. Specimens for hair, oral fluids, and POCT tests are never split, regardless of this field's value.
testingAuthority	O	String	3-5	Testing Authority required for DOT specimens HHS, NRC, FMCSA, FAA, FRA, FTA, PHMSA, USCG

Note: The Register Donors Response contains an array of elements.

Register Donors Response:

Element	Populated	Data Type	Size	Notes
clientRegistrationId	C	String	0-50	If received in the request, shall be returned in the response.
labcorpRegistrationNumber	A	Integer		
registrationDateTime	A	DateTime		Both date and time are significant. All times are GMT time zone.

Note: The Register Donors Error Response contains an array of errors.

Register Donors Error Response:

Element	Populated	Data Type	Size	Notes
errorCode	A	Integer		Please see <i>Section 4.2</i> in Supplemental Specifications document for errorCodes and errorDescriptions.
errorDescription	A	String	1-100	
errorElement	C	String	0-50	For Global Errors, errorElement shall be null.
errorIndex	C	Integer		Refers to the array index of the registration request in error. Array index shall start with 0 (zero). For Global Errors, errorIndex shall be null.

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Additional Information:

None.

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