LabCollector

"Your Laboratory management solution"

User's guide

Sample Receiving API

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AGILEBIO

Summary

1- AUTHENTICATION

One HEADER parameter is mandatory:
- Key: X-LC-APP-Auth
- Value: The token you can view/generate in **LabCollector > Admin > Others > Setup > Web services API.**

2- AVAILABLE METHODS IN SAMPLE RECEIVING WEBSERVICE

Note: URL works with HTTP and HTTPS

2-1. GET methods

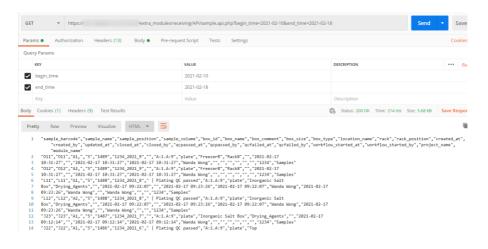### 2-1-1. Retrieve samples from plates having changed between two dates

- Method: GET
- URL:
  `[PATH_TO_RECEIVING]/API/sample.api.php?begin_time=[date]&end_time=[date]`
- **Required parameter:**
  - `begin_time` (Y-m-d format or Y-m-d H:m:s url encoded format)
  - `end_time` (Y-m-d format or Y-m-d H:m:s url encoded format)

Example:
`https://[...]/extra_modules/receiving/API/sample.api.php?begin_time=2021-02-10&end_time=2021-02-18`

2-1-2. Retrieve packages from plates having changed between two dates
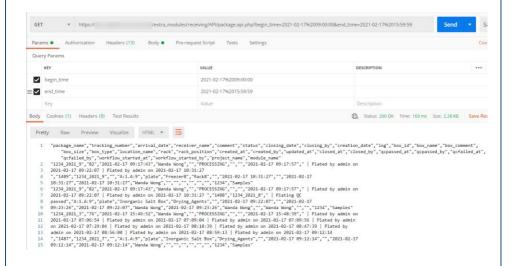
- Method: GET
- URL:
  [PATH_TO_RECEIVING]/API/package.api.php?begin_time=[date]&end_time=[date]
- **Required parameter:**
  - begin_time (Y-m-d format or Y-m-d H:m:s url encoded format)
  - end_time (Y-m-d format or Y-m-d H:m:s url encoded format)

Example:
https://[...]/extra_modules/receiving/API/package.api.php?begin_time=2021-02-17**%20**09:00:00&end_time=2021-02-17**%20**15:59:59

3- API ERROR MESSAGES

Message	Response code	Description
'Requires application authentication to access the Web Service'	401 Unauthorized	The request either does not have the header parameter X-LC-APP-Auth or does not have a valid value
(Empty)	405 Method not allowed	The method must be the GETmethod.
'Webservice requires user authentication'	401 Unauthorized	Deprecated
'Your IP is not allowed to access this Web Service'	401 Unauthorized	The client IP is not in the list of authorized IPs for this webservice (LC > Admin > Setup > Web service)
The request cannot be fulfilled due to bad syntax	400 Bad Request	Two parameters are mandatory: begin_time and end_time
''	200 OK	Data requested was returned successfully

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