

Consumables Consumption Molecular - Data Product Label

Product Name: Consumables Consumption Molecular Data Product

Data Domain: Instrument Consumption

Version: 1

Description:

The Consumables Consumption Molecular Data Product records detailed information on the use of consumables in **cobas 5800** and **cobas 6800 /8800** instruments.

Each consumable instance is uniquely identified by its lot and serial number. When a consumable is used for the first time in an instrument, the data product records a data point including details such as its barcode (where applicable), the date of its first use, and specific information about the instrument and the customer.

The consumables in scope include:

- **cobas 5800:**
 - Tip CORE TIPS with Filter, 300 µL (Material Number: 07345607001)
 - Tip CORE TIPS with Filter, 1 mL (Material Number: 04639642001)
 - cobas omni AD-Plate 24 (Material Number: 08499853001)
 - cobas omni Liquid Waste Plate 24 (Material Number: 08413983001)
 - cobas omni Processing Plate 24 (Material Number: 08413975001)
- **cobas 6800/8800:**
 - cobas omni Amplification Plate (Material Number: 05534941001)
 - cobas omni Pipette Tips (Material Number: 05534925001)
 - cobas omni Processing Plate (Material Number: 05534917001)

Data is collected from connected devices for which it has been verified that customer agreement has been obtained when necessary, and that such use is permitted by law.

Intended Use:

This data product is not designed for regulatory, compliance, or GxP-related purposes. It is not validated, and it does not encompass all devices, as not all are connected. Additionally, since it is derived from real-world data collected from the field, 100% accuracy cannot be guaranteed.

The data product is anticipated to be used in the following areas:

- **Inventory Management:** Support analysis and optimization of customer warehouse levels by reflecting actual consumption patterns, thus facilitating inferences about warehouse stocks.
- **Demand Planning:** Usage of actual consumption as an indicator of future demand, aiding in internal supply planning.
- **Lab Optimization:** Understand and optimize capacity and resource utilization in customer labs.

Access:

The data product is hosted on the navify platform (AWS) and can be queried using SQL over the Redshift Data API.

CIDM integration is in place. Roche personal and technical accounts authenticate via OAuth Tokens issued by PingID (SSO).

Detailed instructions are provided when an access request is approved.

Please contact idata.help@roche.com to request access.

Data Dictionary:

Name	Description	Type	Example
Device Serial No	The serial number of the device.	string	B521-07
Device System Type	The type of the device as included in the files coming from the device itself.	string	c6800
Device Material Number	The material number of the device.	string	05524245001
Device Material Name	The material name of the device.	string	cobas 6800
Device Reference System Type	Harmonized system type as provided by the “connected devices” data product of the entitlements domain.	string	Cobas 6800, Cobas Pro
Device Remote Service Serial Number	Serial number of the Cobas link configured for the instrument.	string	SCL71856
Device Sold To Account Number	Account number that identifies the legal counterpart in a transaction related to this device.	string	0040496023

Device Bill To Account Number	Account number that identifies the recipient of the invoice for a supply-chain transaction.	string	0040496024
Device Ship To Account Number	Account number that identifies the device delivery address.	string	0040496025
Device Location Account Number	Account number that identifies where the device is located.	string	0040496026
Device Location Account Name	The name corresponding to the Location Account Number.	string	LabCorp Facility
Device Location	The approximate installed location of this instrument in the Equipment Master System.	string	MVZ Ravensburg GbR, DE
Device Location Country Code	The two-letter country code of the device location.	string	DE
Consumable First Use Date	When the consumable was used for the first time.	timest amp	2024-10-15 10:00:00
Consumable Serial Number	The serial number of the consumable.	string	987654321
Consumable Lot Number	The lot number of the consumable.	string	ABC123
Consumable Bar Code	The barcode of the consumable, if known.	string	0302241226102536
Consumable Material Number	The material number of the consumable.	string	08499853001
Consumable Material Description	The material description of the consumable.	string	cobas omni AD-Plate 24