

iData Activated ASAPs - Data Product Label

Activated ASAPs

Product Name: Activated ASAPs

Data Domain: Instrument Consumption

Version: 1.2

Description:

An Activated ASAP record captures the activation status of Assay Specific Analysis Packages (ASAP) across various molecular analyzers, including models Cobas 6800, Cobas 8800, and Cobas 5800. The data is enriched by incorporating details about the device, the customer's organizational entities' account, and ASAP master data, such as the SAP Material Number. This Data Product maintains a chronological record of ASAP activations and deactivations for analytical purposes. This historical record is structured around the concept of Snapshots: each time there is a change in the activation status of ASAPs on a device, a new snapshot is recorded for that specific device.

Flag Definitions:

- `IsActivated`: Indicates that the ASAP is currently active.
- `WasNewlyActivated`: Indicates that the ASAP was activated at the snapshot date. This flag helps identify any changes in the activation status from one snapshot to another.
- `WasDeactivated`: Indicates that the ASAP was deactivated at the snapshot date.
- Each snapshot is device-specific and independent from snapshots of other devices. A snapshot captures a `SnapshotDate` marking when the data was recorded for that device. All records from the most recent snapshot of a device are flagged with `IsMostCurrentSnapshot`, designating them as the most up-to-date information on ASAP statuses for that particular device. Historical snapshots lack this flag and represent past statuses.
- For retrieval of the latest operational status of ASAPs on any given device, one should filter for records where `IsMostCurrentSnapshot` is true.

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.

Sample Usage Scenarios:

- Installation Monitoring*: The data product enables monitoring of the installation base for specific ASAPs and their versions. This includes tracking the adoption of new installations as well as the phase-out of outdated versions.
- Usage Analysis*: By examining which ASAPs are installed, the data provides insights into the assays that analyzers are currently utilizing at customer sites.

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:

Field	Description	Type	Example
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Snapshot Date	When was the information about installed ASAPs received from the instrument?	timestamp	13-Dec-2023 10:12:00
Device Serial No	The serial number of the device.	varchar(20)	B521-07
Device Material Number	The material number of the device.	varchar(20)	5524245001
Device Material Name	The material name of the device.	varchar(200)	cobas 6800
Device Reference System Type	Harmonized system type provided by the "connected devices" data product of the entitlements domain.	varchar(20)	Cobas 6800, Cobas Pro
Device Location	The approximate installed location of this instrument as recorded in the Equipment Master System.	varchar(500)	MVZ Ravensburg GbR, 87439, Kempten, DE
Device Location Country Code	The two-letter country code of the device location.	varchar(5)	DE
Device Sold To Account Number	Account number that identifies the legal counterpart in a transaction related to this device.	varchar(50)	0040496023
Device Bill To Account Number	Account number that identifies the recipient of the invoice for a supply-chain transaction related to the device.	varchar(50)	0040496024
Device Location Account Number	Account number that identifies where the device is located.	varchar(50)	0040496025
Device Location Account Name	The name corresponding to the LocationAccountNumber.	varchar(500)	0040496026
Asap Life Cycle Team	The LCT under which the ASAP Assay falls, such as Blood Screening, Cervical Cx, or Infectious Disease.	varchar(200)	Blood Screening

Asap Assay	The Assay of this Analysis Package.	varchar(200)	Respiratory Flex
Asap Software Name	The name of the Assay Specific Analysis Software Package.	varchar(100)	r BRAF AP V1.1.0
Asap Technical Name	The ASAP name as found in data transferred back from the device, sometimes with slight variations from the software name.	varchar(100)	SARS-CoV-2-Duo
Asap Version	The version of the Assay Specific Analysis Package.	varchar(10)	12.1.0
Asap Material Number	The Material Number of the Assay Specific Analysis Package as listed in the SAP Material Master.	varchar(100)	7089309001
Asap Material Name Medium	The medium name of the Assay Specific Analysis Package as in SAP Material Master.	varchar(500)	HEV 12.1.0 ASAP
Asap Material Name Long	The long name of the Assay Specific Analysis Package as in SAP Material Master.	varchar(500)	09054979001 HEV 12.1.0 ASAP
Asap Usi	The Universal Service Identifier of the ASAP Package.	varchar(100)	74858-2^HEV^LN
Asap Loinc Code	The LOINC Code of the ASAP Package.	varchar(200)	74858-2
Asap Gtin	The Global Trade Item Number of the ASAP Package.	varchar(20)	7613336190197
Is Most Current Snapshot	True if the snapshot data is the most current information received from this instrument, false if historical.	boolean	TRUE
Is Activated	True if the ASAP is activated on the device, false otherwise. An entry with false will appear	boolean	FALSE

	only once after deactivation.		
Was Newly Activated	True if the ASAP is newly activated in this snapshot and was not activated in the previous snapshot.	boolean	FALSE
Was Deactivated	True if the ASAP was activated in the previous snapshot but is now deactivated, indicating a recent deactivation.	boolean	TRUE