

iData ASAP Repository - Data Product Label

Product Name: ASAP Repository

Data Domain: Instrument Consumption

Version: 2.0

Description:

The ASAP Repository Entry holds information about a specific version of an Assay Specific Analysis Package (ASAP), including its technical name, SAP names, material number, and LOINC code. From Version 2 the data product also collects **synonyms (Mapping Terms)**, found in technical data. These terms help map instrument-reported names or variations (secondary terms) to the corresponding ASAP name (primary term).

Each Mapping Term is categorized as either:

1. **Primary Mapping Term:** Always the ASAP name, representing the official term used for matching.
2. **Non-Primary Mapping Terms:** Secondary terms collected to account for synonyms or variations found in technical data.

The **IsPrimary** column distinguishes these terms, allowing for clear identification of the primary term and related secondary terms.

This data product provides a comprehensive view of the ASAP portfolio, enabling efficient mapping and linking of technical names to their corresponding SAP material master entries and LOINC codes.

Intended Use:

This data product is intended as the main source for mapping technical ASAP names as sent by the instruments to the corresponding SAP material master. It also serves as the primary source for linking an ASAP to the corresponding LOINC code, providing an overview of our ASAP portfolio.

How to Request Access:

Currently, the data product can be accessed either through visual data grids in a User Interface or programatically through Redshift data API. In the UI the grids support various functionalities such as filtering, sorting, and exporting data rows, while the Redshift data API access allows the ability to run SQL queries to do filtering and transformations. Redshift uses the Postgres SQL syntax.

To request access follow these steps:

- Go to <https://cidm.roche.com/>
- Select "Request Access" to request access for your personal Roche account for UI Access or a technical account for programatic access
- The role to request is called **id_prod_04**

UI access Details:

- You will be notified once your access request has been granted.
- The interactive data grid is accessible at <https://idata.navify.com/> .

Programatic 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.

Data Dictionary:

Name	Description	Type	Example
WorkflowStatus	The status of the record within its workflow process (e.g.,	string	Published

	Published).		
SystemType	The type of molecular instrument the ASAP is available for.	string	c6888
LifeCycleTeam	The Life-Cycle team the ASAP falls under.	string	Infectious Disease
Assay	The specific assay related to the ASAP.	string	BKV
AsapName	The technical name of the ASAP.	string	BKV
AsapVersion	The software version of the ASAP.	string	12.2.0
USI	The Universal Service Identifier.	string	32284-2^BKV^LN
MaterialNumber	The SAP Material Number associated with the ASAP.	string	9977040001
LoincCode	LOINC Code associated with the ASAP.	string	32284-2
IsPrimary	Indicates if this mapping is the primary one for the ASAP.	boolean	TRUE
MappingTerm	A secondary term or synonym linked to the ASAP Entry for technical data mapping.	string	BKV-CHK

Example Table with Primary and Non-Primary Mapping Terms

AsapName	MappingTerm	IsPrimary	SystemType	AsapVersion	Material Number
BKV	BKV	TRUE	c6888	12.2.0	9977040001
BKV	BKV-ASAP	FALSE	c6888	12.2.0	9977040001
BKV	c6800BKV	FALSE	c6888	12.2.0	9977040001

Explanation of Mapping Terms

- Primary Term:** The ASAP name is always the primary term (e.g., `BKV`) and is used for official mapping.
- Secondary Terms:** Synonyms (e.g., `BKV-ASAP`) allow for variations in how instruments report names, ensuring robust mapping.
- Denormalized View:** The combination of primary and secondary terms supports reporting and analysis across diverse naming conventions.