

derived: lab_results

Laboratory tests that have been ordered and resulted

| Variable | Type | Description |
|-------------------------------|---------------|---|
| authorizing_prov_id | varchar(18) | Unique identifier of the provider who authorized the lab test order |
| authorizing_provider | varchar(200) | The provider who authorized the lab order |
| comp_anl_inst_tm | timestamp | Timestamp to track when a non-micro result component when analyzed in the lab |
| comp_obs_inst_tm | timestamp | Timestamp to track when the non-micro result component was collected/observed |
| component_base_name | varchar(200) | Name used to group related components |
| component_comment_phiflag | varchar(1) | Y if this is Pathology, Cytopathology or Inactive Cytopathology orderable |
| component_freetext_loinc_code | varchar(254) | LOINC code |
| component_id | decimal(18,0) | Unique identifier for the lab component |
| component_lab_subtype | varchar(254) | Component lab subtype |
| component_name | varchar(200) | Name of the lab component |
| component_subtype | varchar(254) | Component subtype |
| component_type | varchar(100) | Lab component type, including Microbiology, Pathology |
| data_type | varchar(50) | Date type for the resulted lab component - Titer, Category, Number, Multi String, Multi Category, Rich text |
| external_ord_id | varchar(254) | Unique identifier for the external Order ID for the lab order |
| lab_group | varchar(50) | Lab grouping - Point of Care, Pathology, Microbiology, etc. |
| lab_status | varchar(50) | Status of the lab order (Edited, Edited Result - FINAL, Final result, In process, Preliminary result) |
| loinc_code | varchar(20) | LOINC code |
| loinc_desc | varchar(255) | Full description of the LOINC code category |
| lrr_based_organ_id | decimal(18,0) | Used for storing discrete organisms. This item is used for storing isolated organisms at the component level. |
| numeric_precision | decimal(18,0) | In numeric lab results, the number of decimal digits to the right of the decimal point. |
| ord_num_value | float | Numeric lab result |
| ord_value | varchar(254) | The value returned for each result component, in short free text format. |

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| order_proc_id | decimal(18,0) | Unique identifier for the ordered procedure. |
| order_results_line | int | The line number of each result component within each ordered procedure. |
| order_status | varchar(50) | The lab's order status (Cancelled, Resulted, Pending, etc.) |
| order_time | timestamp | The date/time when the order was placed. |
| order_type | varchar(254) | The order type for this lab test - Blood Bank, Lab, Microbiology, Pathology & Cytology, POC Testing, POC Testing Device |
| pat_enc_csn_id | decimal(18,0) | Unique identifier for the encounter associated with the procedure result |
| pat_id | varchar(18) | The unique patient identifier |
| proc_cat_id | varchar(254) | The unique identifier for the procedure category |
| proc_cat_name | varchar(200) | Name of the procedure category |
| proc_code | varchar(40) | Procedure Code |
| proc_id | decimal(18,0) | Unique identifier for the procedure |
| proc_name | varchar(100) | Procedure name |
| ref_normal_vals | varchar(254) | This is a free-text item which allows you to enter a reference range without tying it to a "low" or "high" value. For example, it could be a string ("negative"), a list of choices ("Yellow, orange"), or a descriptive range ("Less than 20"). |
| reference_high | varchar(50) | The highest acceptable value for each result component. If the value in this column is a number or structured numeric, the numbers will be stored in M internal format, using a period as the decimal separator. |
| reference_low | varchar(50) | The lowest acceptable value for each result component. If the value in this column is a number or structured numeric, the numbers will be stored in M internal format, using a period as the decimal separator. |
| reference_unit | varchar(100) | The units for each result component value. |
| referring_prov_id | varchar(18) | Unique identifier of the provider who referred the order |
| referring_provider | varchar(200) | Name of the referring provider |
| res_comp_multiline_comment | string | Lab result comments collapsed into one text field from multiple comments |
| res_comp_singleline_comment | varchar(1000) | Lab result comments |
| result_flag | varchar(50) | HL7 flag code to mark each component result as abnormal. Any value in this field not equal to 1 is considered abnormal. |
| result_in_range_yn | varchar(1) | A Yes/No category value to indicate whether a result has been verified to be within its reference range. This item is set by the |

| Variable | Type | Description |
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| | | interface when the result is sent. A null value is equivalent to a "no" value. |
| result_instant_tm | timestamp | The time instant when the result was last edited. |
| result_status | varchar(50) | Lab result status (Corrected, Final, Incomplete, Preliminary) |
| result_sub_idn | varchar(100) | Unique organism identifier when the component of an order result is an organism |
| result_time | timestamp | The date and time the technician ran the tests for each order in calendar format. NOTE: Concatenates the result date and result time into a datetime format. If the time value is null, the query will return 12:00 AM for a time. |
| resulting_lab | varchar(255) | The name of the resulting lab running the test |
| sensitive_yn | varchar(1) | Y if this lab is considered sensitive/restricted - relating to HIV, substance abuse, or mental health diagnoses |
| specimen_recv_time | timestamp | Date/time that the specimen was received |
| specimen_source | varchar(254) | Specimen source (Blood, Stool, Urine, etc.) |
| specimen_taken_time | timestamp | Date/time that the specimen was taken. |
| specimen_type | varchar(254) | Specimen type |