



N3C Recommended Code Set: SARS-CoV-2 Qual Results-Negative

Code Set ID: 21890932

Intention: All of the unambiguous 'No' results

Version: 3

Flag for Most Recent: f

Update Note: One site is using Normal as negative results, therefore Normal is added to the Negative result list.

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Release Name: Release-v90-2022-08-25

OMOP Vocabulary Version: v5.0 02-SEP-21

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Project Name(s):

- RP-148569 : Pediatric Severity Prediction Challenge
- RP-60B81D : N3C Diabetes and Obesity Domain Team level 2 request for data

Description: Developed focused on COVID-19 lab results.

Issues:

Provenance: Reported categorical result value text were reviewed for COVID test and mapped to concept_ids associated with generic qualitative lab negative.

Acknowledgements: <https://covid.cd2h.org/acknowledgements>

This code set was prepared for use with the NCATS N3C Data Enclave (<https://covid.cd2h.org/enclave>) and supported by NCATS U24 TR002306. This code set does not contain any patient data. The enclave itself is made possible by the patients whose information is included within the data from participating organizations (<https://covid.cd2h.org/dtas>) and the

organizations and scientists (<https://covid.cd2h.org/duas>) who have contributed to the on-going development of this community resource (<https://doi.org/10.1093/jamia/ocaa196>).

Logic Expression:

Concept ID	Concept Code	Concept Name	Domain	Standard Concept	Exclude	Descendants	Mapped
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Included Concepts:

Concept ID	Concept Name
45884092	Nonreactive
9189	Negative
36309158	Not detected/negative
45884153	Normal
9190	Not detected
45878583	Negative
45880296	Not detected

JSON:

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{
  "id": 21890932,
  "name": "SARS-CoV-2 Qual Results-Negative",
  "expression": {
    "items": [
      {
        "concept": {
          "domain_id": "Meas Value",
          "concept_id": 9190,
          "concept_code": "260415000",
          "concept_name": "Not detected",
          "vocabulary_id": "SNOMED",
          "invalid_reason": "V",
          "concept_class_id": "Qualifier Value",
          "standard_concept": "S",
          "invalid_reason_caption": "Valid",
          "standard_concept_caption": "Standard"
        },
        "isexcluded": false,
        "includemapped": false,
        "includedescendants": false
      },
      {
        "concept": {
          "domain_id": "Meas Value",
          "concept_id": 45880296,
          "concept_code": "LA11883-8",
          "concept_name": "Not detected",
          "vocabulary_id": "LOINC",
          "invalid_reason": "V",
          "concept_class_id": "Answer",
          "standard_concept": "S",
          "invalid_reason_caption": "Valid",
          "standard_concept_caption": "Standard"
        },
        "isexcluded": false,
        "includemapped": false,
        "includedescendants": false
      },
      {
        "concept": {
          "domain_id": "Meas Value",
          "concept_id": 45884092,
          "concept_code": "LA15256-3",
          "concept_name": "Nonreactive",
          "vocabulary_id": "LOINC",
          "invalid_reason": "V",
          "concept_class_id": "Answer",
          "standard_concept": "S",
          "invalid_reason_caption": "Valid",
          "standard_concept_caption": "Standard"
        },
        "isexcluded": false,
        "includemapped": false,
        "includedescendants": false
      },
      {
        "concept": {
          "domain_id": "Meas Value",
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```

        "concept_id": 45884153,
        "concept_code": "LA6626-1",
        "concept_name": "Normal",
        "vocabulary_id": "LOINC",
        "invalid_reason": "V",
        "concept_class_id": "Answer",
        "standard_concept": "S",
        "invalid_reason_caption": "Valid",
        "standard_concept_caption": "Standard"
    },
    "isexcluded": false,
    "includemapped": false,
    "includedescendants": false
},
{
    "concept": {
        "domain_id": "Meas Value",
        "concept_id": 36309158,
        "concept_code": "LA13549-3",
        "concept_name": "Not detected/negative",
        "vocabulary_id": "LOINC",
        "invalid_reason": "V",
        "concept_class_id": "Answer",
        "standard_concept": "S",
        "invalid_reason_caption": "Valid",
        "standard_concept_caption": "Standard"
    },
    "isexcluded": false,
    "includemapped": false,
    "includedescendants": false
},
{
    "concept": {
        "domain_id": "Meas Value",
        "concept_id": 45878583,
        "concept_code": "LA6577-6",
        "concept_name": "Negative",
        "vocabulary_id": "LOINC",
        "invalid_reason": "V",
        "concept_class_id": "Answer",
        "standard_concept": "S",
        "invalid_reason_caption": "Valid",
        "standard_concept_caption": "Standard"
    },
    "isexcluded": false,
    "includemapped": false,
    "includedescendants": false
},
{
    "concept": {
        "domain_id": "Meas Value",
        "concept_id": 9189,
        "concept_code": "260385009",
        "concept_name": "Negative",
        "vocabulary_id": "SNOMED",
        "invalid_reason": "V",
        "concept_class_id": "Qualifier Value",
        "standard_concept": "S",
        "invalid_reason_caption": "Valid",
        "standard_concept_caption": "Standard"
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    "isexcluded": false,

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        "includemapped": false,  
        "includedescendants": false  
    }  
]  
}
```