



## 190.28 - Tumor Antigen by Immunoassay CA 125

### Description

Immunoassay determinations of the serum levels of certain proteins or carbohydrates serve as tumor markers. When elevated, serum concentration of these markers may reflect tumor size and grade. This policy specifically addresses tumor antigen CA 125.

### HCPCS Codes (Alphanumeric, CPT® AMA)

| Code  | Description   |
|-------|---|
| 86304 | Immunoassay for tumor antigen, quantitative, CA 125 |

### ICD-10-CM Codes Covered by Medicare Program

The ICD-10-CM codes in the table below can be viewed on CMS' website as part of Downloads: Lab Code List, at  
<http://www.cms.gov/Medicare/Coverage/CoverageGenInfo/LabNCDsICD10.html>

| Code   | Description   |
|--------|---|
| C45.1  | Mesothelioma of peritoneum  |
| C48.1  | Malignant neoplasm of specified parts of peritoneum                       |
| C48.2  | Malignant neoplasm of peritoneum, unspecified                             |
| C48.8  | Malignant neoplasm of overlapping sites of retroperitoneum and peritoneum |
| C51.8  | Malignant neoplasm of overlapping sites of vulva                          |
| C53.0  | Malignant neoplasm of endocervix  |
| C54.1  | Malignant neoplasm of endometrium   |
| C54.2  | Malignant neoplasm of myometrium  |
| C54.3  | Malignant neoplasm of fundus uteri  |
| C54.9  | Malignant neoplasm of corpus uteri, unspecified                           |
| C56.1  | Malignant neoplasm of right ovary   |
| C56.2  | Malignant neoplasm of left ovary  |
| C56.9  | Malignant neoplasm of unspecified ovary                                   |
| C57.00 | Malignant neoplasm of unspecified fallopian tube                          |
| C57.01 | Malignant neoplasm of right fallopian tube                                |
| C57.02 | Malignant neoplasm of left fallopian tube                                 |



**Medicare National Coverage Determinations (NCD)  
Coding Policy Manual and Change Report (ICD-10-CM)**

| Code   | Description   |
|--------|---|
| C57.4  | Malignant neoplasm of uterine adnexa, unspecified                       |
| C57.7  | Malignant neoplasm of other specified female genital organs             |
| C57.8  | Malignant neoplasm of overlapping sites of female genital organs        |
| C79.60 | Secondary malignant neoplasm of unspecified ovary                       |
| C79.61 | Secondary malignant neoplasm of right ovary                             |
| C79.62 | Secondary malignant neoplasm of left ovary                              |
| C79.82 | Secondary malignant neoplasm of genital organs                          |
| D39.0  | Neoplasm of uncertain behavior of uterus                                |
| D39.10 | Neoplasm of uncertain behavior of unspecified ovary                     |
| D39.11 | Neoplasm of uncertain behavior of right ovary                           |
| D39.12 | Neoplasm of uncertain behavior of left ovary                            |
| D39.2  | Neoplasm of uncertain behavior of placenta                              |
| D39.8  | Neoplasm of uncertain behavior of other specified female genital organs |
| D39.9  | Neoplasm of uncertain behavior of female genital organ, unspecified     |
| G89.3  | Neoplasm related pain (acute) (chronic)                                 |
| M33.03 | Juvenile dermatomyositis without myopathy                               |
| M33.13 | Other dermatomyositis without myopathy                                  |
| M33.93 | Dermatopolymyositis, unspecified without myopathy                       |
| R19.09 | Other intra-abdominal and pelvic swelling, mass and lump                |
| R97.1  | Elevated cancer antigen 125 [CA 125]                                    |
| R97.8  | Other abnormal tumor markers  |
| Z85.41 | Personal history of malignant neoplasm of cervix uteri                  |
| Z85.42 | Personal history of malignant neoplasm of other parts of uterus         |
| Z85.43 | Personal history of malignant neoplasm of ovary                         |
| Z85.44 | Personal history of malignant neoplasm of other female genital organs   |

**Indications**

CA 125 is a high molecular weight serum tumor marker elevated in 80% of patients who present with epithelial ovarian carcinoma. It is also elevated in carcinomas of the fallopian tube,

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**\*October 2020 Changes  
ICD-10-CM Version – Red**



endometrium, and endocervix. An elevated level may also be associated with the presence of a malignant mesothelioma or primary peritoneal carcinoma.

A CA 125 level may be obtained as part of the initial pre-operative work-up for women presenting with a suspicious pelvic mass to be used as a baseline for purposes of post-operative monitoring. Initial declines in CA 125 after initial surgery and/or chemotherapy for ovarian carcinoma are also measured by obtaining three serum levels during the first month post treatment to determine the patient's CA 125 half-life, which has significant prognostic implications.

The CA 125 levels are again obtained at the completion of chemotherapy as an index of residual disease. Surveillance CA 125 measurements are generally obtained every 3 months for 2 years, every 6 months for the next 3 years, and yearly thereafter. CA 125 levels are also an important indicator of a patient's response to therapy in the presence of advanced or recurrent disease. In this setting, CA 125 levels may be obtained prior to each treatment cycle.

### **Limitations**

These services are not covered for the evaluation of patients with signs or symptoms suggestive of malignancy. The service may be ordered at times necessary to assess either the presence of recurrent disease or the patient's response to treatment with subsequent treatment cycles.

The CA 125 is specifically not covered for aiding in the differential diagnosis of patients with a pelvic mass as the sensitivity and specificity of the test is not sufficient. In general, a single "tumor marker" will suffice in following a patient with one of these malignancies.

### **ICD-10-CM Codes That Do Not Support Medical Necessity**

Any ICD-10-CM code not listed in either of the ICD-10-CM covered or non-covered sections.

### **Documentation Requirements**

Indicated if service request for CA125 is requested more frequently than stipulated.

### **Sources of Information**

Clinical Pancreatic Guideline for the Use of Tumor Markers in Breast and Colorectal Cancer, American Society of Clinical Oncology. J Clin Oncol 14:2843-2877, 1996.

Chan DW, Beveridge RA, Muss H, et al. Use of Triquant BR Radioimmunoassay for Early Detection of Breast Cancer Recurrence in Patients with Stage II and Stage III Disease. J Clin Oncol 1977, 15(6):2322-2328.