

National Coverage Determination
Procedure Code: 86300
Tumor Antigen by Immunoassay CA 15-3/CA 27.29
CMS Policy Number: 190.29
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Description: Immunoassay determinations of the serum levels of certain proteins or carbohydrates serve as tumor markers. When elevated, serum concentration of markers may reflect tumor size & grade. This policy specifically addresses the following tumor antigens: CA 15-3 and CA 27.29

Indications:

Multiple tumor markers are available for monitoring the response of certain malignancies to therapy and assessing whether a residual tumor exists post-surgical therapy. CA 15-3 is often medically necessary to aid in the management of patients with breast cancer. Serial testing must be used in conjunction with other clinical methods for monitoring breast cancer. For monitoring, if medically necessary, use consistently either CA 15-3 or CA 27.29, not both. CA 27.29 is equivalent to CA 15-3 in its usage in management of patients with breast cancer.

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.

To review all requirements of this policy, please see: [CMS NCD listing by Chapter](#)

Covered ICD-10 Codes.

ICD-10	Descriptor
C50.011	Malignant neoplasm of nipple and areola, right female breast
C50.012	Malignant neoplasm of nipple and areola, left female breast
C50.019	Malignant neoplasm of nipple and areola, unsp female breast
C50.021	Malignant neoplasm of nipple and areola, right male breast
C50.022	Malignant neoplasm of nipple and areola, left male breast
C50.029	Malignant neoplasm of nipple and areola, unsp male breast
C50.111	Malignant neoplasm of central portion of right female breast
C50.112	Malignant neoplasm of central portion of left female breast
C50.119	Malignant neoplasm of central portion of unsp female breast
C50.121	Malignant neoplasm of central portion of right male breast
C50.122	Malignant neoplasm of central portion of left male breast
C50.129	Malignant neoplasm of central portion of unsp male breast
C50.211	Malig neoplasm of upper-inner quadrant of right female breast

C50.212	Malig neoplasm of upper-inner quadrant of left female breast
C50.219	Malig neoplasm of upper-inner quadrant of unsp female breast
C50.221	Malig neoplasm of upper-inner quadrant of right male breast
C50.222	Malig neoplasm of upper-inner quadrant of left male breast
C50.229	Malig neoplasm of upper-inner quadrant of unsp male breast
C50.311	Malig neoplasm of lower-inner quadrant of right female breast
C50.312	Malig neoplasm of lower-inner quadrant of left female breast
C50.319	Malig neoplasm of lower-inner quadrant of unsp female breast
C50.321	Malig neoplasm of lower-inner quadrant of right male breast
C50.322	Malig neoplasm of lower-inner quadrant of left male breast
C50.329	Malig neoplasm of lower-inner quadrant of unsp male breast
C50.411	Malig neoplasm of upper-outer quadrant of right female breast
C50.412	Malig neoplasm of upper-outer quadrant of left female breast
C50.419	Malig neoplasm of upper-outer quadrant of unsp female breast
C50.421	Malig neoplasm of upper-outer quadrant of right male breast
C50.422	Malig neoplasm of upper-outer quadrant of left male breast
C50.429	Malig neoplasm of upper-outer quadrant of unsp male breast
C50.511	Malig neoplasm of lower-outer quadrant of right female breast
C50.512	Malig neoplasm of lower-outer quadrant of left female breast
C50.519	Malig neoplasm of lower-outer quadrant of unsp female breast
C50.521	Malig neoplasm of lower-outer quadrant of right male breast
C50.522	Malig neoplasm of lower-outer quadrant of left male breast
C50.529	Malig neoplasm of lower-outer quadrant of unsp male breast
C50.611	Malignant neoplasm of axillary tail of right female breast
C50.612	Malignant neoplasm of axillary tail of left female breast
C50.619	Malignant neoplasm of axillary tail of unsp female breast
C50.621	Malignant neoplasm of axillary tail of right male breast
C50.622	Malignant neoplasm of axillary tail of left male breast
C50.629	Malignant neoplasm of axillary tail of unsp male breast
C50.811	Malignant neoplasm of overlap sites of right female breast
C50.812	Malignant neoplasm of overlap sites of left female breast
C50.819	Malignant neoplasm of overlap sites of unsp female breast
C50.821	Malignant neoplasm of overlapping sites of right male breast
C50.822	Malignant neoplasm of overlapping sites of left male breast
C50.829	Malignant neoplasm of overlapping sites of unsp male breast
C50.911	Malignant neoplasm of unsp site of right female breast
C50.912	Malignant neoplasm of unspecified site of left female breast
C50.919	Malignant neoplasm of unsp site of unspecified female breast
C50.921	Malignant neoplasm of unspecified site of right male breast
C50.922	Malignant neoplasm of unspecified site of left male breast
C50.929	Malignant neoplasm of unsp site of unspecified male breast
C79.2	Secondary malignant neoplasm of skin

C79.81	Secondary malignant neoplasm of breast
G89.3	Neoplasm related pain (acute) (chronic)
R97.8	Other abnormal tumor markers
Z85.3	Personal history of malignant neoplasm of breast