

# Ca15-3

Ca15-3 is the protein product of the [MUC1](#) gene and is the most widely used serum marker in [breast cancer](#).

There was a decrease in [HIF1A](#), followed by a decrease in [Ca15-3](#) and [RECIST](#) in response to [chemotherapy](#). There was a statistically significant correlation between Ca15-3 and response to chemotherapy <sup>1)</sup>.

<sup>1)</sup>  
Manginestar C, Oley MH, Oley MC, Merung M, Langi FLFG, Kepel BJ, Rusli LV, Islam AA, Faruk M. Correlation analysis of HIF-1 $\alpha$  and Ca15-3 in response to neoadjuvant chemotherapy in locally advanced breast cancer: A cohort study in Indonesia. *Breast Dis.* 2022;41(1):481-487. doi: 10.3233/BD-229004. PMID: 36641657.

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