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Area Under Curve

National Cancer Institute

Source

National Cancer Institute. *Area Under Curve*. NCI Thesaurus. Code C64774.

The area between the x-axis and the curve given by the integrand. It is equal to the definite integral of a function. In the field of pharmacokinetics, the area under the curve (AUC) is the area under the curve in a plot of concentration of a drug in plasma against time. AUC is usually given for the time interval zero to infinity, and other time intervals are indicated.