

Lineweaver–Burk plot

A plot of the reciprocal of velocity of an enzyme-catalysed reaction (ordinate) versus the reciprocal of substrate concentration (abscissa). The plot is used to graphically define the maximum velocity of an enzyme-catalysed reaction and the Michaelis constant for the enzyme.

See also: Michaelis–Menten kinetics

Source:

PAC, 1994, 66, 2587 (*Glossary of bioanalytical nomenclature - Part 1: General terminology, body fluids, enzymology, immunology (IUPAC Recommendations 1994)*) on page 2593