Kinetic Parameters

K_M	M	$(k_{-1} + k_{cat})/k_1$
k_{cat}	s^{-1}	$v_0 = k_{cat}[E]_T$
k_{cat}/K_M	$M^{-1}s^{-1}$	at $[S] \gg K_M$; $v_0 = k_{cat}/K_M\ [S][E]_T$

Inhibition

Michaelis-Menten

v_0 vs. [S]

Hanes-Woolf

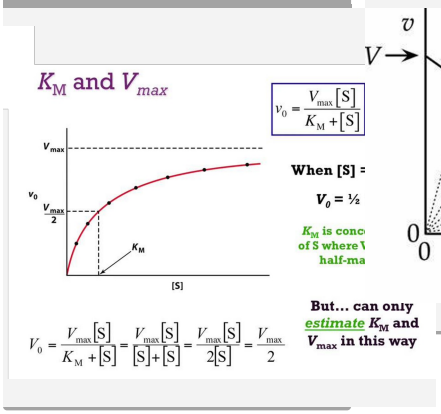
$S]/v_0$ vs. [S]

m = $1/v_{max}$

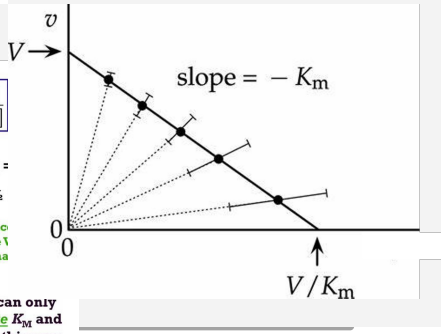
c = K_M/v_{max}

x-int = K_M

Plot



Plot



Lineweaver-Burk

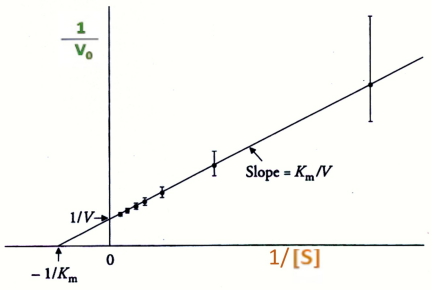
$1/v_0$ vs. 1/[S]

m = K_M/v_{max}

c = $1/v_{max}$

x-int = $-1/K_M$

Plot



Eadie-Hofstee

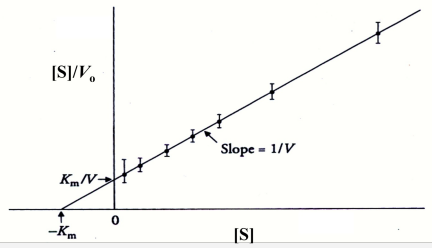
v_0 vs. $v_0/[S]$

$m = -K_M$

$c = v_{max}$

x-int = v_{max}/K_M

Plot



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