

MICHAELIIS-MENTEN:

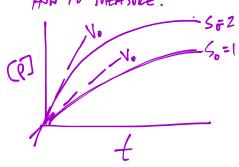
ASSUME KACKUTRY SCOLL

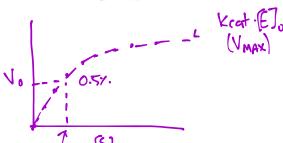
dP = Kcat (FS) - KB KE)[P]

RATE OF RXN DERENDS ON:

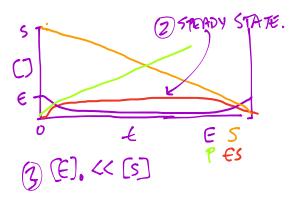
IF HE KNOW KRIF AND KM.
WE KNIN ENZYME!

HE WANT TO KNOW KCAT AND KM. NOTE AXES
HOW TO MEASURE?





ASSUMPTIONS:



Kent = CATALYTIC EM EFACIENCY

HIGHER IS BETTER.

Krat → HIGHER IS FASTER KM → LOWER IS TIGHTER

HIGHEST VALUES ARE ~10°/M·s

COMBINE KILETICS LITTH GLIDING