8.1

$$V_{ES} = k1 \times [E] \times [S] = \frac{d_{ES}}{d_t}$$
$$V_p = k3 \times [ES] = \frac{d_p}{d_t}$$

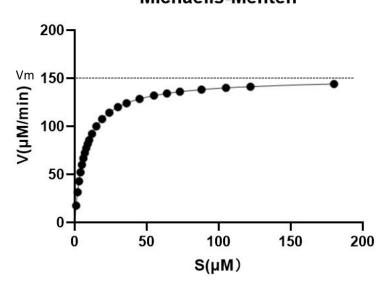
$$V_{E} = (k2 + k3) \times [ES] = \frac{d_{E}}{d_{t}}$$

$$V_{S} = k1 \times [ES] = \frac{d_{S}}{d_{t}}$$

8.2

8.3

Michaelis-Menten



Vm=150/ µ M/min