

Enzymes

A-Level Biology · Vocabulary

English	中文	Pinyin
✂ enzyme	酶	méi
○ globular protein	球状蛋白质	qiú zhuàng dàn bái zhì
✂ protein	蛋白质	dàn bái zhì
⚡ catalyse	催化	cuī huà
🏠 intracellular	细胞内	xì bāo nèi
📦 cell	细胞	xì bāo
✂ catalase	过氧化氢酶	guò yǎng huà qīng méi
🏠 extracellular	细胞外	xì bāo wài
💧 secrete	分泌	fēn mì
✂ amylase	淀粉酶	diàn fēn méi
🍴 digest	消化	xiāo huà
🍲 starch	淀粉	diàn fēn
🔗 active site	活性位点	huó xìng wèi diǎn
🔑 substrate	底物	dǐ wù
🔗 enzyme-substrate complex	酶底物复合物	méi dǐ wù fù hé wù
📦 product	产物	chǎn wù
🔗 complementary	互补	hù bǔ
🔑 specificity	专一性	zhuān yī xìng
🔑 lock-and-key hypothesis	锁钥学说	suǒ yuè xué shuō
👉 induced-fit hypothesis	诱导契合学说	yòu dǎo qì hé xué shuō
⚡ activation energy	活化能	huó huà néng
🌡 temperature	温度	wēn dù
👁 colorimeter	比色计	bǐ sè jì
🕒 rate of reaction	反应速率	fǎn yìng sù lǜ

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↔ kinetic energy	动能	dòng néng
⌘ collide	碰撞	pèng zhuàng
🌡 optimum temperature	最适温度	zuì shì wēn dù
✖ denature	变性	biàn xìng
🛡 buffer solution	缓冲液	huǎn chōng yè
⊖ inhibitor	抑制剂	yì zhì jì
⌚ Michaelis–Menten constant	米氏常数	mǐ shì cháng shù
🌀 affinity	亲和力	qīn hé lì
↔ reversible	可逆	kě nì
⌘ competitive inhibitor	竞争性抑制剂	jìng zhēng xìng yì zhì jì
⊖ non-competitive inhibitor	非竞争性抑制剂	fēi jìng zhēng xìng yì zhì jì
⚓ immobilised enzyme	固定化酶	gù dìng huà méi
⊙ alginate	海藻酸盐	hǎi zǎo suān yán