

DIGESTIVE ENZYMES WORKSHEET ANSWERS

Complete the following table:

ENZYME	GLANDULAR SOURCE	OPTIMUM PH	SUBSTRATE	PRODUCT	SITE OF ACTION
salivary amylase	salivary glands	7	starch	maltose	mouth
pepsin (protease)	gastric glands	2	protein	peptides	stomach
Pancreatic amylase	pancreas	8	starch	maltose	duodenum
trypsin (protease)	pancreas	8	protein	peptides	duodenum
lipase	pancreas	8	fat droplets	fatty acids + glycerol	duodenum
nuclease	pancreas	8	nucleic acid	nucleotides	duodenum
maltase	intestinal glands	8	maltose	glucose	small intestine
peptidase	intestinal glands	8	peptide	amino acid	small intestine
*nucleosidase	intestinal glands	8	nucleotide	base + sugar + phosphate	small intestine