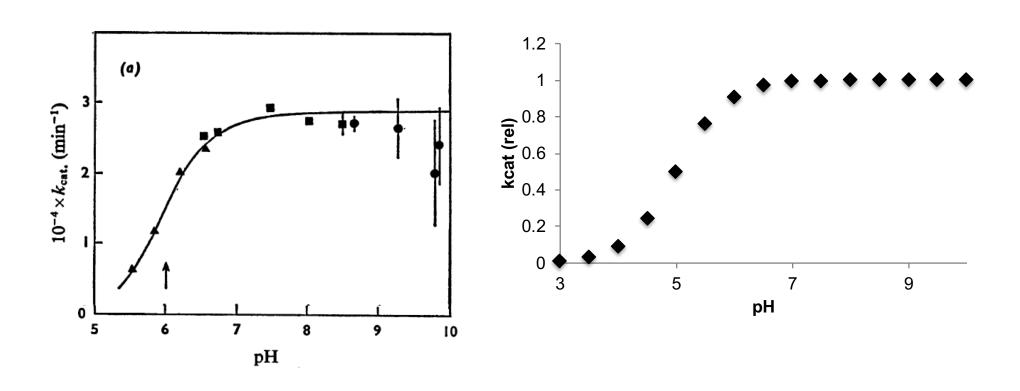
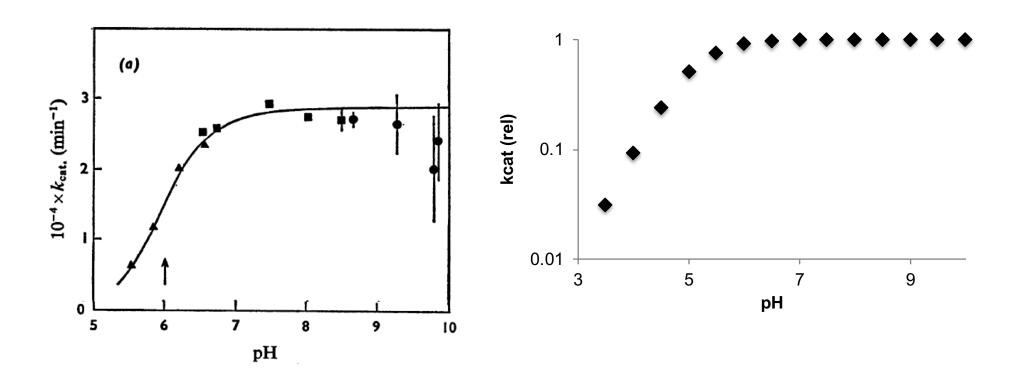
pH Profiles for TIM



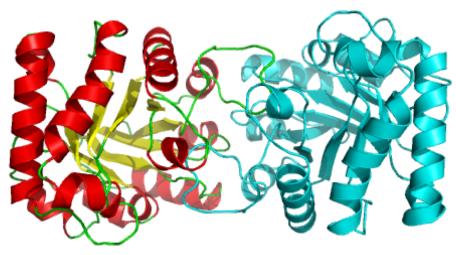
Biochem. J. (1972) 129, 311-320

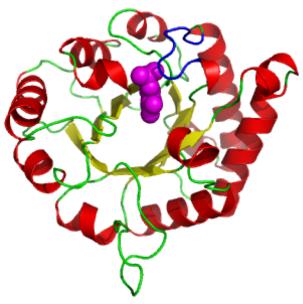
pH Profiles for TIM

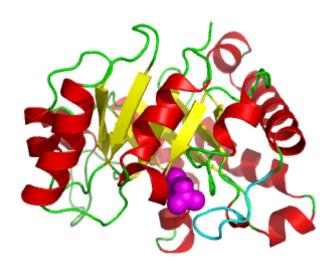


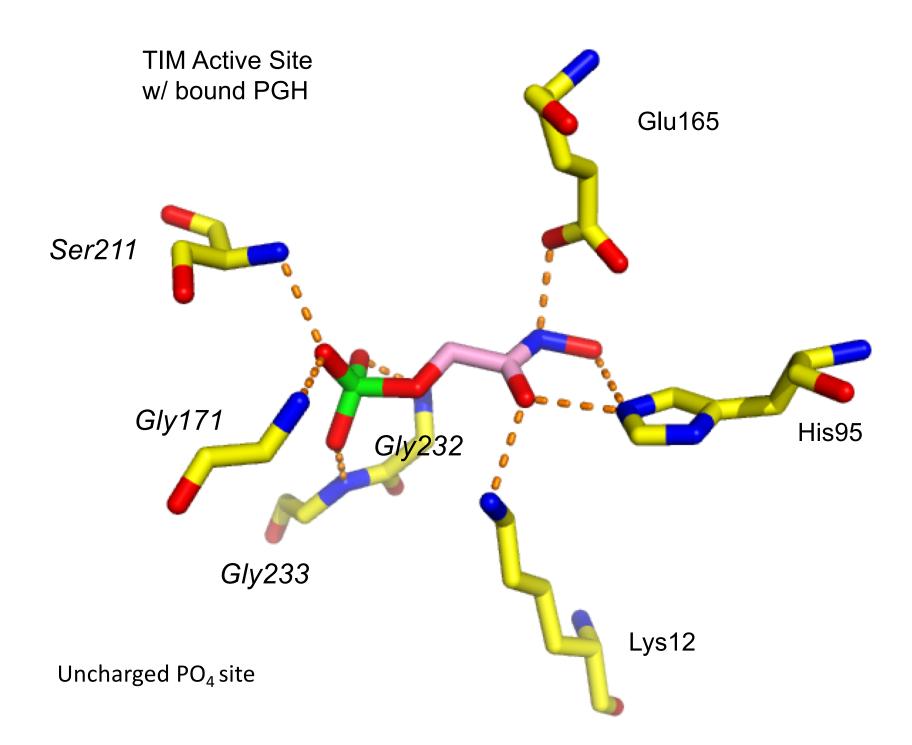
Biochem. J. (1972) 129, 311-320

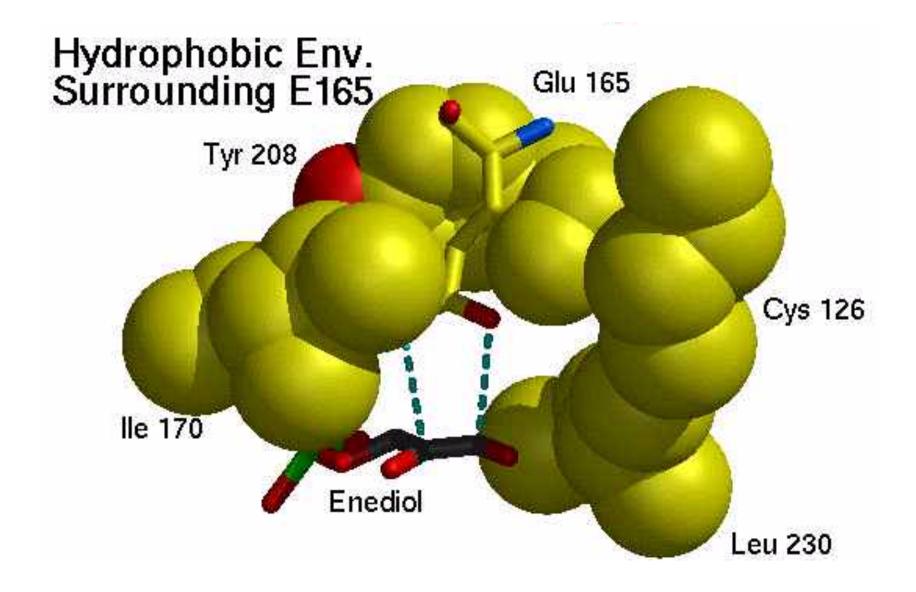
Triose Phosphate Isomerase



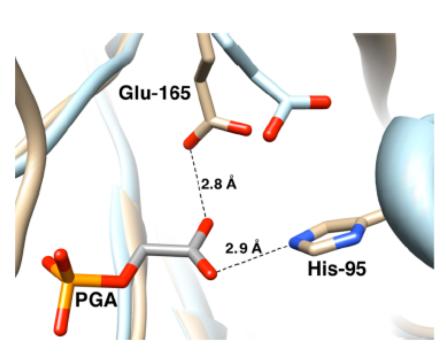




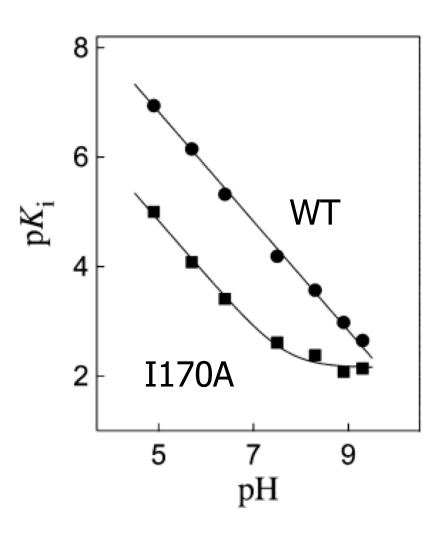




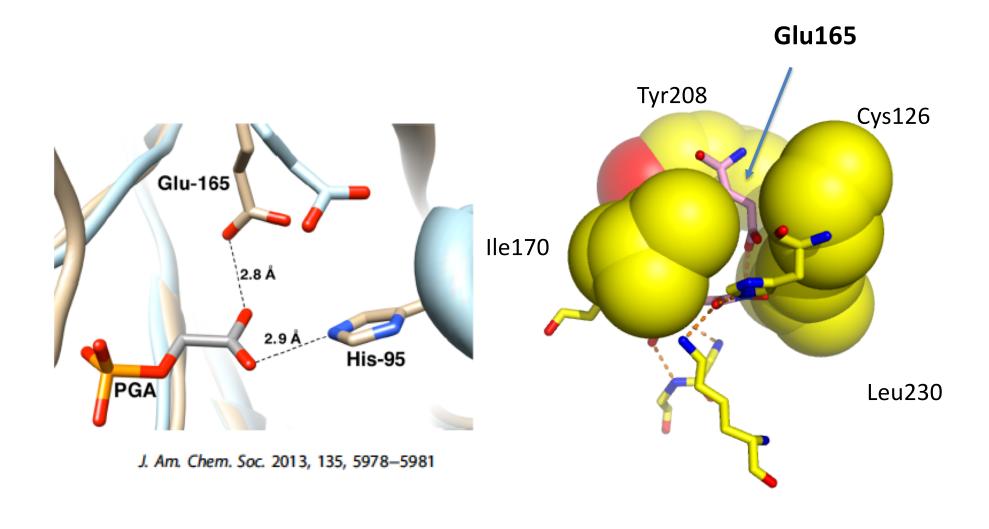
Glu165 Has a High pK_a



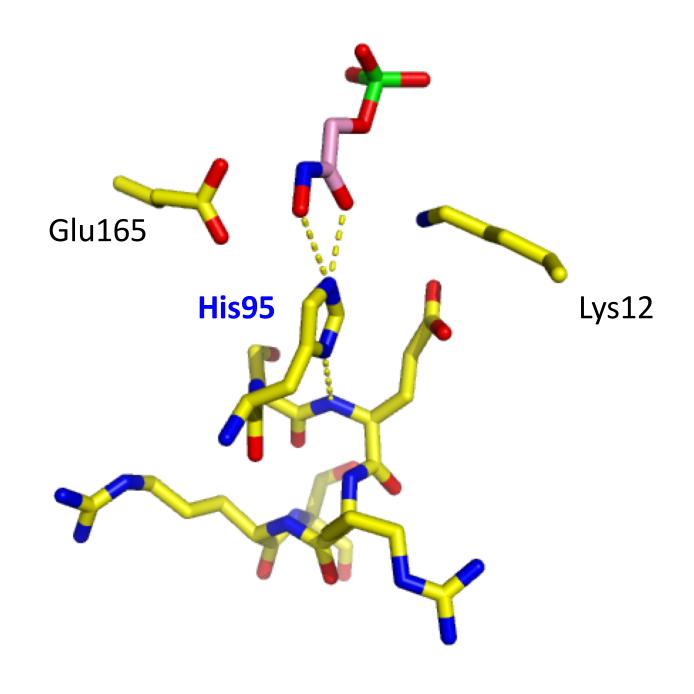
J. Am. Chem. Soc. 2013, 135, 5978-5981



Glu165 Has a High pK_a Due to Grease Pocket



His95 is H-bonded to amide N



His95 is Neutral

¹⁵N Chemical Shift for His in Different Environments

Shifts do not change with pH In TIM active site.

