

THIOPURINE METHYL TRANSFERASE

Whole blood TPMT activity	Reference range (nmol/h/g Hb)	Dose adjustment
Deficient	<10	Consider alternative therapy or <10% of standard dose
Carrier	10 - 25	Start at 60% of standard dose
Normal	26 - 50	Normal dose
Raised	>50	Start at normal dose, may need to increase

MV Relling et al. Clin Pharmacol Ther. 2019; 105(5): 1095-1105
 MJH Coenen et al. Gastroenterology. 2015; 149 (4): 907-917

NOTE: Please be aware of some authors using slightly different cutoff limits to define the reference range

