UNITS FOR EXRESSING ENZYME ACTIVITY :

Enzyme activities are always expressing in terms of activity per unit time. There have been many methods of calculating enzyme activities and hence various types of units have been there for different enzymes. In order to maintain uniformily in expressing enzyme activities in units, the Enzyme Commission of International Unions of Bio Chemistry has suggested a radical change. A new unit **Katal (Kat)** has been introduce. One KG denotes conversion of one mole of the sub unit personal (mole\sec.). It may also be expressed in milk **katals (mkat/sec) micro katal (kat/sec)** or **neokatal (nkat/sec).** It has also been customary to express enzyme activity. In SI UNITS (system international or International units (I.U.) One I.U. is defined as the amount of enzyme activity that catalyses conversion of one micromole of substrate per minute. One IU is equal to 60 μkatal.