

C12Y

Enzymes

Definition statement

This subclass/group covers:

Enzymes of which the EC number is known.

In this subclass, each enzyme is classified according to their EC number of the "Enzyme Nomenclature" (as valid on 1 January 2012) recommended by the Nomenclature Committee of the International Union of Biochemistry and Molecular Biology. The EC number appears in the subgroups within parentheses and is reflected in the classification symbol: the EC number with the notation a.bb.cc.ddd is rendered into a CPC symbol [C12Y](#)ABB/CCDDD (with no trailing zeroes at the end) where:

EC a.bb.cc.ddd	CPC symbol
a ranges from 1-6	A = 1-6
b ranges from 1-99(*)	B = 01-99
c ranges from 1-99(*)	C = 01-99
d ranges from 1-400(*)	D = 001-400

(*) not all numbers are used

Examples: Alcohol dehydrogenase: EC 1.1.1.1.-----[C12Y 101/01001](#)

Togavirin: EC 3.4.21.90-----[C12Y 304/2109](#)

Hepsin: EC 3.4.21.106-----[C12Y 304/21106](#)

Cobaltochelataase EC 6.6.1.2-----[C12Y 606/01002](#)

References relevant to classification in this group

This subclass/group does not cover:

A [C12Y](#) symbol can only be allocated in combination with other classes like the following:

Compositions containing enzymes and use of the compositions and compounds for preservation of bodies of humans or animals or parts thereof	A01N 1/00
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Compositions containing enzymes and use of the compositions and compounds for preservation of plants or parts thereof	A01N 3/00
Biocides, pest repellents or attractants or plant growth regulators containing enzymes	A01N 63/00
Bakery products which contain enzymes	A21D
Foods or foodstuffs containing or treated with enzymes	A23
Preparations for medical dental or toilet purposes containing enzymes	A61K
Medical preparations containing nucleic acids encoding enzymes	A61K 31/7088
Medical preparations containing genetic material encoding enzymes which is inserted into cells of the living body to treat genetic diseases; Gene therapy	A61K 48/00
Methods or apparatus for disinfecting or sterilising contact lenses in combination with enzymes	A61L 12/082
Bandages, dressings or absorbent pads for physiological fluids containing enzymes	A61L 15/38
Material for prostheses subjected to enzyme treatment prior to implantation	A61L 27/3683
Protease inhibitors	C07K 14/81
Antibodies against enzymes	C07K 16/40
Detergent compositions containing enzymes	C11D 3/386
Preparation of malt	C12C 1/00

Apparatus for enzymology	C12M
Enzymes	C12N9
Carrier-bound or immobilised enzymes	C12N11
Treatment of enzymes with electrical or wave energy	C12N13
Nucleic acids encoding (part of) enzymes	C12N15
Antisense nucleotides against enzymes	C12N 15/113
Preparation of compounds using enzymes	C12P
Measuring or testing processes involving enzymes; Compositions therefore (including complete kits, test papers etc); Preparing such compositions	C12Q 1/00
Immunoassays for enzymes	G01N 33/573

Special rules of classification within this group

- This subclass is for discretionary supplementary classification of subject matter already classified as such in other classification places like the ones above.
- Rules for use of [C12Y](#) together with any of the subgroups above are specific for each subgroup and can be found with the relevant subgroup.