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Nuclear Volume and Cellular Metabolism

With 12 Figures



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Abbreviations

The following abbreviations have been used in this monograph

ADP	adenosine diphosphate
ALT	alanine aminotransferase (EC 2.6.1.2)
AMP buffer	amino-methyl-propanediol buffer
ATP	adenosine triphosphate
BSA	bovine serum albumin
DNA	deoxyribonucleic acid
EDTA	ethylenediamine tetraacetic acid
G6PDH	glucose 6-phosphate dehydrogenase (EC 1.1.1.49)
ICDH	isocitrate dehydrogenase (EC 1.1.1.42)
I.U.	international unit
i.v.	intravenous
LDH	lactate dehydrogenase (EC 1.1.1.27)
μg	microgram
μl	microliter
μm	micrometer
μm^3	cubicmicrometer
Mol	molar
mMol	millimolar
NAD^+	nicotinamide adenine dinucleotide (oxidized form)
$\text{NADH (NADH}_2)$	nicotinamide adenine dinucleotide (reduced form)
NADP^+	nicotinamide adenine dinucleotide phosphate (oxidized form)
$\text{NADPH (NADPH}_2)$	nicotinamide adenine dinucleotide phosphate (reduced form)
ng	nanogram
PAS	periodic acid-Schiff
PEP	phosphoenolpyruvate
6PGDH	6-phosphogluconate dehydrogenase (EC 1.1.1.44)
PK	pyruvate kinase (EC 2.7.1.40)
pp	periportal
pv	perivenous
RNA	ribonucleic acid
mRNA	messenger ribonucleic acid
rRNA	ribosomal ribonucleic acid
Tris-buffer	Tris (hydroxymethyl) aminomethane buffer