

# A sensitive radioisotopic assay of pyruvate dehydrogenase

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Citation Report

#	ARTICLE	IF	CITATIONS
1	PDC activity and acetyl group accumulation in skeletal muscle during prolonged exercise. Journal of Applied Physiology, 1992, 73, 2403-2407.	1.2	58
2	Pyruvate dehydrogenase activity and acetyl group accumulation during exercise after different diets. American Journal of Physiology - Endocrinology and Metabolism, 1993, 265, E752-E760.	1.8	106
3	Regulation of fat-carbohydrate interaction in skeletal muscle during intense aerobic cycling. American Journal of Physiology - Endocrinology and Metabolism, 1993, 265, E852-E859.	1.8	72
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6	Skeletal muscle pyruvate dehydrogenase activity during maximal exercise in humans. American Journal of Physiology - Endocrinology and Metabolism, 1995, 269, E458-E468.	1.8	65
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18	Muscle acetyl group availability is a major determinant of oxygen deficit in humans during submaximal exercise. American Journal of Physiology - Endocrinology and Metabolism, 1998, 274, E377-E380.	1.8	86
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105	Effects of IL-6 on pyruvate dehydrogenase regulation in mouse skeletal muscle. <i>Pflugers Archiv European Journal of Physiology</i> , 2014, 466, 1647-1657.	1.3	22
106	Mangiferin Stimulates Carbohydrate Oxidation and Protects Against Metabolic Disorders Induced by High-Fat Diets. <i>Diabetes</i> , 2014, 63, 3626-3636.	0.3	54
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116	PGC-1 $\alpha$ and fasting-induced PDH regulation in mouse skeletal muscle. <i>Physiological Reports</i> , 2017, 5, e13222.	0.7	20
117	Muscle interleukin-6 and fasting-induced PDH regulation in mouse skeletal muscle. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2017, 312, E204-E214.	1.8	8
118	Pioglitazone inhibits mitochondrial pyruvate metabolism and glucose production in hepatocytes. <i>FEBS Journal</i> , 2017, 284, 451-465.	2.2	27
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124	Training state and fasting-induced PDH regulation in human skeletal muscle. <i>Pflugers Archiv European Journal of Physiology</i> , 2018, 470, 1633-1645.	1.3	5
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126	Priming of microcystin degradation in carbon-amended membrane biofilm communities is promoted by oxygen-limited conditions. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	1.3	3
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129	Inorganic nitrate and nitrite supplementation fails to improve skeletal muscle mitochondrial efficiency in mice and humans. <i>American Journal of Clinical Nutrition</i> , 2020, 111, 79-89.	2.2	16
130	Two weeks of early time-restricted feeding (eTRF) improves skeletal muscle insulin and anabolic sensitivity in healthy men. <i>American Journal of Clinical Nutrition</i> , 2020, 112, 1015-1028.	2.2	64
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133	Insulin resistance is mechanistically linked to hepatic mitochondrial remodeling in non-alcoholic fatty liver disease. <i>Molecular Metabolism</i> , 2021, 45, 101154.	3.0	33
134	Metabolic Profiling of Hearts Exposed to Sevoflurane and Propofol Reveals Distinct Regulation of Fatty Acid and Glucose Oxidation. <i>Anesthesiology</i> , 2010, 113, 541-551.	1.3	28
135	Substrate availability limits human skeletal muscle oxidative ATP regeneration at the onset of ischemic exercise.. <i>Journal of Clinical Investigation</i> , 1998, 101, 79-85.	3.9	71
136	Increased acetyl group availability enhances contractile function of canine skeletal muscle during ischemia.. <i>Journal of Clinical Investigation</i> , 1996, 97, 879-883.	3.9	69
137	Skeletal muscle IL-6 regulates muscle substrate utilization and adipose tissue metabolism during recovery from an acute bout of exercise. <i>PLoS ONE</i> , 2017, 12, e0189301.	1.1	29
138	Simultaneous Determination of Plasma Lactate, Pyruvate, and Ketone Bodies following tert-Butyldimethylsilyl Derivatization using GC-MS-SIM. <i>Biomedical Science Letters</i> , 2015, 21, 241-247.	0.0	4
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143	Defective kinetics of cytochrome c oxidase and alteration of mitochondrial membrane potential in fibroblasts and cytoplasmic hybrid cells with the mutation for myoclonus epilepsy with ragged-red fibres ('MERRF') at position 8344 nt. <i>Biochemical Journal</i> , 1999, 342 Pt 3, 537-44.	1.7	7