

Title (en)

RAPID METHOD FOR MEASURING COMPLEX CARBOHYDRATES IN MAMMALIAN TISSUE

Title (de)

SCHNELLVERFAHREN ZUM MESSEN KOMPLEXER KOHLENHYDRATE IN SÄUGERGEWEBEN

Title (fr)

METHODE RAPIDE DESTINEE A MESURER LA CONCENTRATION DE GLUCIDES COMPLEXES DANS LE TISSU MAMMALIEN

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Abstract (en)

[origin: WO0112844A1] The invention discloses a rapid method of measuring complex carbohydrates in mammalian tissue, said method comprising the steps of: extracting a sample of tissue to be tested; forming a homogenous slurry of the sample with an aqueous solution; adding sufficient hydrolysing enzyme for ensuring complete hydrolysis of glycogen in the slurry; and measuring the concentration of glucose in the slurry. The method can be conducted post-mortem to assay the concentration at the time of slaughter. The invention further discloses the measurement of lactate concentrations. The method of the invention can be conducted in thirty minutes or less.

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