

Diagnosis and Confirmation of Type 2 Diabetes



wallac

Insulin

C-peptide


PerkinElmer®
precisely.


PerkinElmer®
precisely.

The sensitivity

of time resolved



PerkinElmer Life and Analytical Sciences

offers a comprehensive range of products for the diagnosis and research of diabetes. For type 2 diabetes (or non-insulin-dependent diabetes mellitus, NIDDM) our AutoDELFIA® diagnostic kits are based on well-established antibodies and provide the benefits of the proven DELFIA® chemistry.

- Sensitive
- Reproducible
- Robust
- Fully automated
- Suitable for large volume testing

vity

fluorescence in diabetes diagnostics

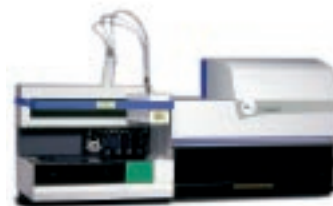
Kits based on the DELFIA chemistry

The AutoDELFLIA Insulin and AutoDELFLIA C-peptide kits are for the quantitative determination of insulin and C-peptide respectively in serum and heparin plasma using the AutoDELFLIA automatic immunoassay system.

Insulin assay is used in the investigation, diagnosis and treatment of diabetes and hypoglycemia (low blood glucose level). The analytical sensitivity of the AutoDELFLIA Insulin assay is typically better than 0.5 $\mu\text{U}/\text{mL}$ (3 pmol/L).



C-peptide measurement is used to assess the residual β -cell function in patients treated with insulin, to distinguish between type 1 and type 2 diabetes, and various other diagnostic applications in patients with abnormal insulin secretion. The analytical sensitivity of the AutoDELFLIA C-peptide assay is typically better than 0.015 ng/mL (4.97 pmol/L).



AutoDELFLIA – cost-effective immunodiagnostics for today's central laboratory

The AutoDELFLIA automatic immunoassay system performs all sample and reagent handling as well as all assay stages including measurement automatically. With the performance advantages of today's leading non-isotopic method, the DELFLIA system, AutoDELFLIA brings the cost-saving, time-saving convenience of full automation. Loading capacity is 432 primary sampling tubes and you can get results for up to 8 different tests from one sample. The system runs from an external PC with Windows-based program and mouse control. MultiCalc software allows direct linkages to mainframe or LAN as well as comprehensive quality control.

More than 150 million people worldwide are affected by diabetes, but many are undiagnosed. This number will increase to 300 million people by year 2025, according to the World Health Organization (WHO). Around 90% of these cases are type 2 diabetes. This occurs fairly late in life, typically at 50 years or higher, although the age of onset is decreasing. Risk factors are unhealthy food intake and lack of exercise.

PerkinElmer Life and Analytical Sciences also offers research products for the investigation of type 1 diabetes (insulin-dependent diabetes mellitus, IDDM). For more information, ask your PerkinElmer representative, or check our website

www.perkinelmer.com

Ordering information

Cat. No.	Product
B080-101	AutoDELFIA Insulin kit
B081-101	AutoDELFIA C-peptide kit



World Headquarters: PerkinElmer Life Sciences, 549 Albany Street, Boston, MA 02118-2512 USA (800) 551-2121

In Europe: PerkinElmer Life Sciences, Imperiastraat 8, B-1930 Zaventem, Belgium +32 2 717 7911 / Turku, Finland, PO Box 10, + 358 2 2678 111

Technical Support: in Europe: techsupport.europe@perkinelmer.com **in US and Rest of World:** techsupport@perkinelmer.com

Belgium: Tel:0800 94 540 • **France:** Tel:0800 90 77 62 • **Netherlands:** Tel:0800 02 23 042 • **Germany:** Tel:0800 1 81 00 32 • **United Kingdom:** Tel:0800 89 60 46
Switzerland: Tel:0800 55 50 27 • **Italy:** Tel:800 79 03 10 • **Sweden:** Tel:020 79 07 35 • **Norway:** Tel:800 11 947 • **Denmark:** Tel:80 88 3477 • **Spain:** Tel:900 973 255

www.perkinelmer.com