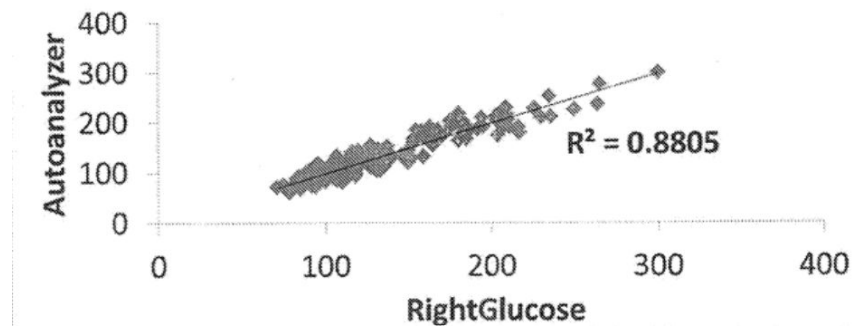


PENDING

(IN1646/DEL/2014) Test Strip for Holding Reagents to Determine Blood Glucose Level

Correlation between liquid assay and the new Glucose estimating strips
& nonamperometric glucometer, RightGlucose

NEED

As diabetes cases rise globally, accurate, rapid blood glucose testing is crucial. Traditional methods are often slow and prone to errors, hindering effective diabetes management.

TECHNOLOGY OVERVIEW

This invention introduces a test strip that enhances glucose testing by separating plasma from whole blood, providing a faster, more accurate enzymatic reaction. The color change from the reaction allows easy determination of blood glucose levels.

TECHNOLOGY KEY FEATURES

Plasma separation for precise testing, enzymatic reaction with enhanced color development, metallic ion mix for reaction enhancement, specific chromogenic substrate for glucose, simple, cost-effective, rapid results.

[Read more here](#)

MARKET ANALYSIS

The global blood glucose monitoring market is projected to grow at a CAGR of 6.3% from 2023 to 2033 [Source: Grand View Research, 2023]. Increasing diabetes prevalence drives demand for more efficient testing methods.

Target Industries

Medical Devices, Healthcare Diagnostics, Point-of-Care Testing, Medical device manufacturers, diagnostic testing providers, diabetes management firms, R&D institutions, and enterprises focused on point-of-care testing solutions.

AT A GLANCE

- SDG 3 (Good Health and Well-being), SDG 9 (Industry, Innovation, and Infrastructure)

Technology is available for licensing/ co-development.

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