

Preserve



***Preserve* is a breath test for ketosis intended for people with Alzheimer's Disease or Senile Dementia.**

A ketogenic diet (low carb), resulting in ketosis, significantly slows early-onset of Alzheimer's Disease and Senile Dementia.

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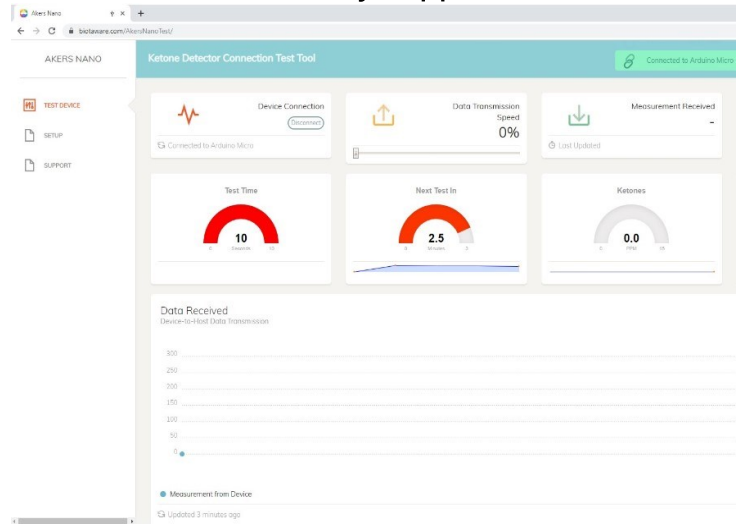
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Assisted living and Nursing Home facilities can now implement an Alzheimer's Disease and Senile Dementia Prevention and Control Program designed to increase the quality of life of patients by slowing the progression of these diseases.

The program consists of specially designed low carb diets and mHealthTests™ that measure ketosis to ensure compliance. The digital app is key for monitoring and informing caregivers and loved ones.

USB cord connects *Preserve* Device to Desktop/Laptop App

User-Friendly App Interface



Being in ketosis means that the body burns fat instead of carbs, sugar, etc. as an energy source. Ketosis is achieved by consistently eating a ketogenic (low carb) diet. Supplements and exercise help.

The presence of ketones in the breath indicates ketosis, or fat burning metabolism. This is useful in weight loss, fitness, and control of certain diseases. Individuals vary in metabolism, and achievement of ketosis can be very difficult. The most frequently used methods to determine ketosis are blood and urine tests, but these methods are inadequate due to speed, cost, accuracy, and/or convenience. Our breath tests determine ketosis levels on-site in seconds, and our app provides the monitoring tool necessary to achieve and maintain ketosis.

Akers Nano's technology platforms deliver fast, accurate, and highly cost-effective health information. Chemiresistor semiconductors detect target molecules in small concentrations. Molecular imprinting or selective doping during the formation process ensures never before seen accuracy. Binding of the target molecule to the semiconductor blocks electrical current, which generates a signal to the digital application. The specimens used to test are breath or hyperfiltered plasma obtained from a gum swab. We want to be a leader in the personal healthcare revolution of the Internet of Medical Things.

Akers Nanotechnology, Inc. ("Akers Nano") develops, manufactures, and supplies rapid mobile health tests ("mHealthTests™") based on proprietary nanotechnology platforms which provide instant information about health and metabolism for a healthy lifestyle using digital applications.