



DANA™

“The Brain Thermometer®”

Faster Screening for Changes in Neurobehavioral and Cognitive Function

DANA™ is a quick and simple method for capturing longitudinal cognitive biometrics for both in-clinic and tele-health applications.



DANA Brain Vital – 5 Minutes

Measures cognitive function / brain vital signs.



DANA Modular – 25 Minutes

Both standard and customizable tests*
(*Time varies)

FDA-Cleared Brain Vital Sign Measuring & Monitoring Solution

- » **Healthcare:** Supports personalized medicine and patient engagement
- » **Aging:** Tracks neurocognitive improvement or decline in mental acuity
- » **Rehabilitation:** Measures treatment effectiveness
- » **Behavioral:** Monitors recovery and provides beneficial feedback
- » **Clinical:** Provides an objective diagnostic support tool during clinical assessments

Summary measures provide information on the most recently administered assessment

DANA Brain Vital
12/02/2016 at 10:51 AM

	Cognitive Efficiency	Reaction Time ±Std. Deviation	Percent Correct	
SRT	220.79	271.8±17.7	100.0	✓
PRT	122.45	490.0±106.8	100.0	✓
GNG	164.23	365.3±22.5	100.0	✓

Acceptable number of trials completed*
 Unacceptable number of trials completed*
 Test incomplete*

*Factors that may affect the measurement of reaction time include, but are not limited to concussion, head injury, insomnia, post traumatic stress disorder (PTSD), depression, attention deficit hyperactivity disorder (ADHD), memory impairment, dementia, delirium, prescription and non-prescription medication, some nutritional supplements, as well as a variety of psychological states (e.g. fatigue and stress).

Graphical displays show changes in cognitive efficiency (CE)

Simple Reaction Time

Cognitive Efficiency

DAY WEEK MONTH YEAR AUTO

Time	Cognitive Efficiency
10:35AM 12/2/16	146.52
10:38AM 12/2/16	173.41
10:43AM 12/2/16	157.36
10:47AM 12/2/16	197.83
10:51AM 12/2/16	220.79

Graph RT Graph CE Graph PC List

Components of CE, such as reaction time (RT) and percent correct (PC), can also be examined

Simple Reaction Time

Reaction Time

DAY WEEK MONTH YEAR AUTO

Time	Reaction Time
10:35AM 12/2/16	409.5
10:38AM 12/2/16	386
10:43AM 12/2/16	443.25
10:47AM 12/2/16	303.75
10:51AM 12/2/16	271.75

Graph RT Graph CE Graph PC List

Numerical and graphical summaries provide the user with accurate and up-to-date metrics of cognitive performance

DANA™ is reimbursable through applicable CPT codes and is HIPAA compliant.

DANA™ Software by AnthroTronix

AnthroTronix delivers results that matter for government and commercial clients.

To learn more, visit www.danabrainvital.com