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## PATIENT AND ORDER INFORMATION

<b>Name:</b>	John Doe	<b>DOB:</b>	11/11/1982
<b>Source Identifier:</b>	512	<b>Gender:</b>	Male
<b>RBM Accession #:</b>	108702 RBM000001	<b>Date Collected:</b>	9/2/2010 11:22:00 AM
<b>Sample ID:</b>	RBM000001	<b>Date Received:</b>	9/3/2010 12:00:00 AM
		<b>Date Reported:</b>	10/12/2010 9:20:29 AM
<b>Treating Physician:</b>	John Smith 123 Main Street Anytown, TX, 12345	<b>Telephone:</b>	(512) 555-1234
		<b>Fax:</b>	(512) 555-5678
		<b>Email:</b>	email@domain.com
		<b>Lab Director:</b>	James P. Mapes, Ph.D.

## TEST EXPLANATION

The company validated this test using a total of 838 serum samples collected from three clinical centers. The samples comprise 593 recent onset schizophrenics and 245 demographically matched healthy controls.

## ASSAY DESCRIPTION

VeriPsych is a quantitative blood test to aid in the confirmation of diagnosis of patients with symptoms of recent onset schizophrenia.

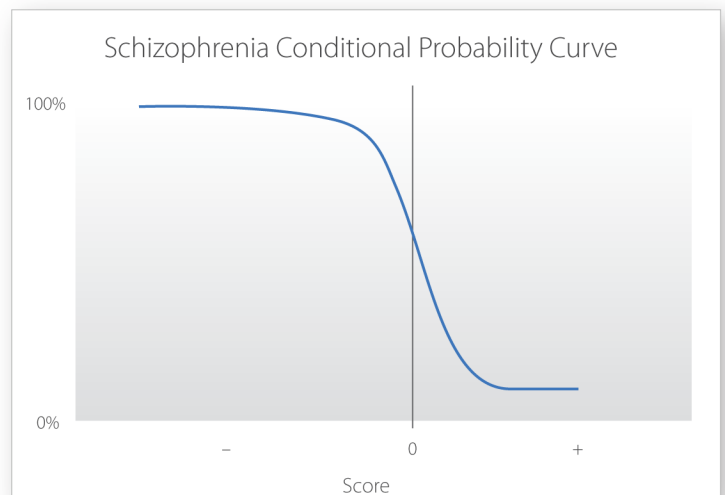
## RESULTS

Conditional Probability of Schizophrenia:

**93%**

CONDITIONAL PROBABILITY RANGE	INDICATION
>80%	Strongly Positive
80 - 68%	Positive
68 - 44%	Indeterminate
44 - 20%	Negative
<20%	Strongly Negative

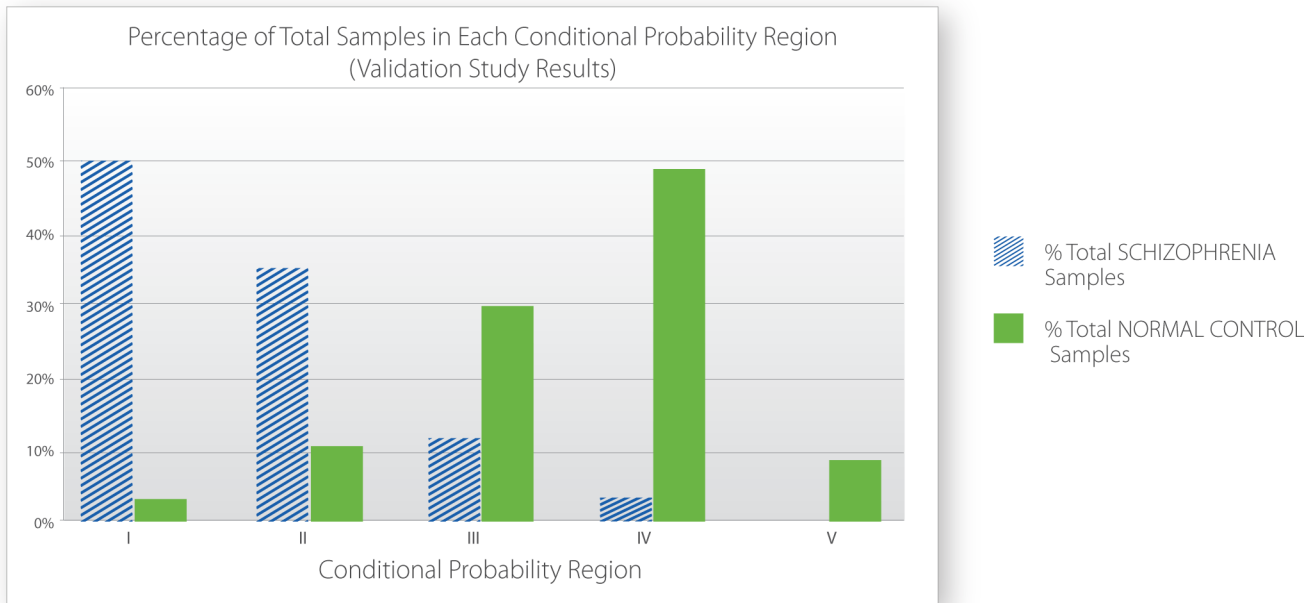
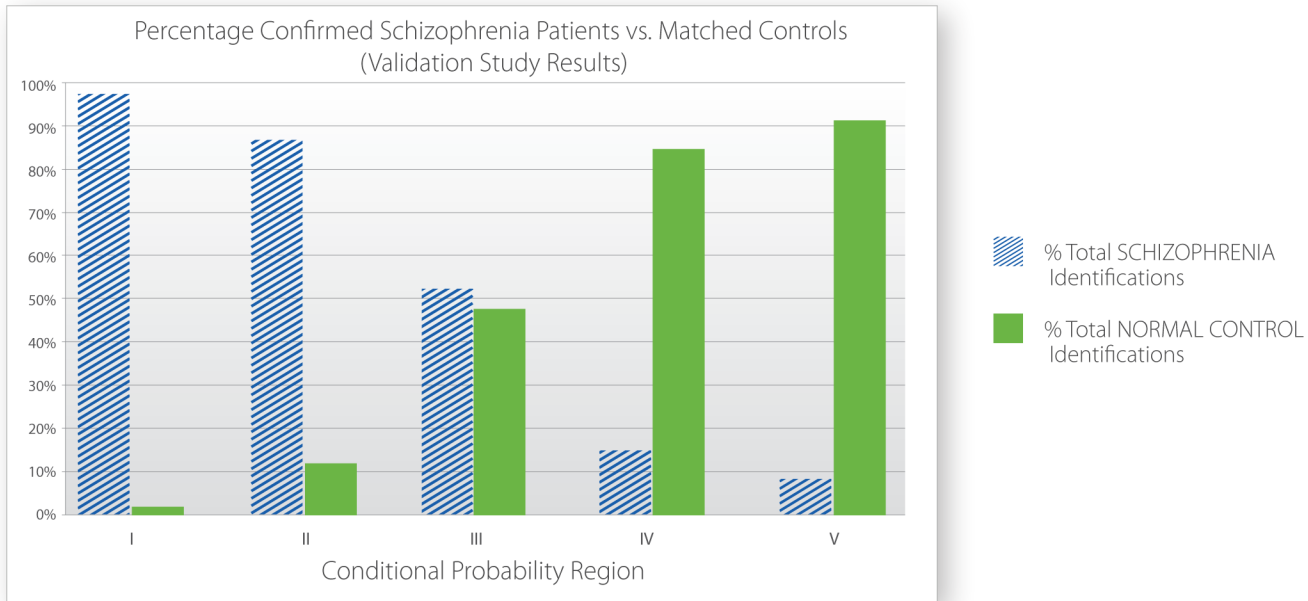
VeriPsych analysis of your patient's sample resulted in a score of **-3839**. If this sample had been part of the validation study<sup>1</sup>, this score would have indicated that the patient had a **93%** conditional probability of having schizophrenia<sup>2</sup>. This result is based on retrospective analysis. There is no guarantee that prospective analysis will deliver the same performance characteristics observed in the validation study.



Representative Curve

## RESULT INTERPRETATION

The VeriPsych test measures 51 biomarkers in a single serum sample and applies a decision rule to convert those results into a single number, the VeriPsych Score. The conditional probability that a given VeriPsych Score will result in the classification of a patient as schizophrenic was developed for the range of signals seen in a retrospective validation study based on 838 patient samples<sup>1</sup>. The study included 593 recent onset schizophrenia patients and 245 samples from demographically matched healthy controls. In this study, we observed five classes of patient samples across VeriPsych Scores, associated with differing classification accuracy of schizophrenia.



## DISCLAIMER

This test was developed and its performance characteristics determined by Rules-Based Medicine, Inc. It has not been cleared or approved by the FDA.

The test is an aid in the confirmation of the diagnosis of patients with symptoms of recent onset schizophrenia who do not have co-morbid conditions such as diabetes, severe inflammation, or autoimmune disease. The results are not intended to be used as the sole means for clinical diagnosis or patient management decisions. This test is not indicated for screening asymptomatic individuals.

## REFERENCES

Reference 1 - Schwarz, E. et al, "Validation of a Blood-Based Laboratory Test to Aid in the Confirmation of a Diagnosis of Schizophrenia," Biomarker Insights 2010:5 39-47.

Reference 2 - Vapnik, V.N., in "Statistical Learning Theory", John Wiley and Sons, 1998, pgs 35-40 and pgs 334-338.