



ACCESSION #: 14-106931  
REQUISITION #: T04141102  
SAMPLE TYPE: Serum

DATE COLLECTED: 4/15/2014  
DATE RECEIVED: 4/15/2014  
DATE OF REPORT: 4/15/2014

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**PRACTITIONER**

**DEMOCR, DEMOCR TEST**  
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Phoenix, Arizona 85015

**PATIENT**

**Name: MACBETH, LADY**  
**DOB: 01/01/1900**  
**Gender: F**

TEST	RESULT			
	IN RANGE (Normal)	EQUIVOCAL*	OUT OF RANGE	REFERENCE (ELISA Index)
<b>Array 20 - Blood Brain Barrier Permeability Screen</b>				
Blood Brain Barrier Protein IgG+IgA			2.60	0.3-2.2
Blood Brain Barrier Protein IgM	0.69			0.3-2.2

\* Reference ranges are calculated based on the mean  $\pm$ 2 standard deviations (SD). Results > 1 SD, and <2 SDs above the mean are considered to be equivocal. An equivocal result represents the range between negative and suspicious low positive results. Results >2 SDs are considered out of range, and positive.

Dhiren Joshipura, M.D., Medical Director

Cyrex Laboratories is certified under the Clinical Laboratory Improvement Amendments of 1988 ("CLIA") as qualified to perform high-complexity clinical testing. Test result data on its own does not constitute a diagnosis. Only a physician or qualified healthcare professional should interpret the significance of a clinical lab test or make a diagnosis. This test was developed and its performance characteristics determined by Cyrex Laboratories, LLC. The names and titles of tests and arrays are for reference purposes only.