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## BLOOD-BRAIN BARRIER PERMEABILITY™



### Antigens Tested

- Blood-Brain Barrier Protein IgG + IgA Combined
- Blood-Brain Barrier Protein IgM

2 mL Serum

### CLINICAL USE:

- Early investigation in management of contact sports-related Traumatic Brain Injury (TBI).
- Evaluation of breach of the Blood-Brain Barrier by stress, trauma or environmental triggers, even in the absence of apparent concussion or brain injury.
- Assist in the assessment of increased risk of neurodegenerative disorders including, but not limited to, Multiple Sclerosis, Amyotrophic Lateral Sclerosis (Lou Gehrig's Disease), Senile Dementia, Alzheimer's Disease, Parkinson's Disease, Epilepsy and Stroke.

### RECOMMENDED FOR PATIENTS WHO:

- Play contact sports during which repeated head trauma occurs.
- Engage in activity that involves force or shock to the body and/or head.
- Have intestinal permeability with abnormal elevation in LPS and/or Occludin/Zonulin antibodies.
- Exhibit changes in cognitive function.

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