



Analysis of hemoglobin in CSF samples from PPMI

Peggy Taylor, Covance

Summary

The concentration of hemoglobin in CSF samples collected for PPMI were analyzed using an ELISA assay comprising reagents obtained from Bethyl Laboratories (cat # E80-135).

Method

The method of analysis is a sandwich type ELISA that utilizes a colorimetric readout. The reference standards used in the assay ranged from 7.5-125 ng/ml. The concentration of hemoglobin in each sample was determined by interpolation of values against the standard curve established by the reference standards using a 4-parameter regression. Each CSF sample was analyzed at 3 dilutions (1:4, 1:20 and 1:100) in order to ensure that at least one dilution point would fall within the range of the assay standards.

References

1. Bethyl Laboratories product page http://www.bethyl.com/product/E80-135/Human_Hemoglobin_ELISA_Quantitation_Set?referrer=search_default

About the Authors

This document was prepared by Peggy Taylor, Covance. For more information please contact Peggy Taylor at **781-915-5200** or by email at Peggy.taylor@covance.com.

Notice: This document is presented by the author(s) as a service to PPMI data users. However, users should be aware that no formal review process has vetted this document and that PPMI cannot guarantee the accuracy or utility of this document.

