Standard Reference Serum

Quantal response or the achievement of a threshold of murine IgG against GST-1 above which we could assign an individual serum as being ‘positive’. The standard reference serum on ELISA plate were plotted on a logistic-log scale. The terminal sera was pooled and stored at -80° C. Four-parameter logistic log and relative potency coincide with higher affinity binding of the foundation for moving forward with Phase 1 clinical trial in Brazil.

Potency testing for NTD vaccines: determining relative potency for the Na-GST-1 Hookworm Vaccine

The Na-GST-1 vaccine gain potency within the first three months of its storage at 4° C and remain immunogenic 12 months post manufacture. The authors wish to acknowledge Bruce J Meade and Jane Halpern for their support of this project. This project is supported by the Sabin Vaccine Institute through funding from the Bill and Melinda Gates Foundation. The authors have no other relevant financial involvement with any organization or entity with a financial interest in or financial conflict with the subject matter or materials discussed in this poster apart from those disclosed.