**File Descriptions**

This document contains the descriptions of the data to be deposited for the following SeroNet-affiliated manuscript:

Shook, *et al*. Durability of Anti-Spike Antibodies in Infants after Maternal COVID-19 Vaccination or Natural Infection. JAMA. 2022. Mar 15;327(11):1087-1089. Doi: 10.1001/jama.2022.1206. PMID: 35129576. PMCID: PMC8822441

The manuscript was sponsored by the following award:

**Project Title:** Immunologic Signatures of SARS-CoV-2 Vaccination and Disease

**Award:** CA260476

**Principal Investigator(s):** Barouch, Dan H.; Alter, Galit

**Program Official:** Kuo, Lillian S

**Organization:** Beth Israel Deaconess Medical Center

**City:** Boston

**FOA:** RFA-CA-20-039

**Administering Institutes or Centers:** National Cancer Institute

Deposited is a single comma-separated values (CSV) formatted spreadsheet that were used to generate the data, figure panels, and interpretations in the manuscript. Below is the file names, as well as brief descriptions of the column names and units of measurements.

File name: *shookjamaelisaraw*

This document contains the raw data of the enzyme linked immunosorbent assay (ELISA) using sera from vaccinated and pregnant mothers, vaccinated and infected and pregnant mothers, or young children from vaccinated or infected mothers. The column entitled *mom ID* corresponds to the mother enrolled in the study (note that the samples have been anonymized and no patient information/identifiable information is present). The column headed *SAMPLE TYPE* refers to the specific time point that the sera was collected. For example, M2 refers to month 2 after delivery for child sera, and likewise M6 refers to month 6 after delivery for child sera. Sera was also taken from cord blood (CB) or maternal blood (M). The column headed *OD\_IgG\_D614G* refers to the values of the ELISA for IgG levels against SARS-CoV-2 D614G Spike. The values are listed in Optical Density (OD) units. Similarly, the column headed *OD\_IgG\_delta* refers to the values of the ELISA for IgG levels against SARS-CoV-2 Delta Spike. The values are listed in OD units. The OD was measured through a standard ELISA plate reader using colorimetric scores. Therefore the units are colorimetric corresponding to a standard curve generated elsewhere. The column headed Antibodies against spike is a “yes” or “no” value corresponding to concluding whether or not that sera had IgG against SARS-CoV-2 Spike after thresholding against background measurements. The following acronyms are used and signify the following: