**Product Descriptions:**

**Q-Plex Human Pneumococcal IgG (9-Plex)**

List of Serotypes: 2, 10A, 11A, 15B, 17F ,19A , 20, 22F, 33F

* **Species Specificity**: Human
* **Validated Sample Type**: Serum
* **Sample Volume Required:** 0.25 µL
* **Estimated Assay Length**: Less than 1.25 hours
* **Intra-Assay Cross Reactivity:** No significant interference observed. <1% cross-reactivity observed.
* **Assay Type**: Indirect
* **Detection Method:** Chemiluminescent
* **Multiplex Format**: 96-well solid plate
* **Catalog #:** 481649HU

The Q-Plex™ Human Pneumococcal IgG (9-Plex) is a chemiluminescent multiplex ELISA run on a 96-well plate. This pneumococcal serotype test quantitatively measures antibody levels corresponding to the serotypes found in pure polysaccharide vaccines such as the Pneumovax®23 vaccine as well as protein conjugated vaccines such as Prevnar 7, Prevnar 13, Prevnar 20, and Vaxneuvance.

Antibodies play an essential role in the protection against pneumococcal disease. In humans, serum antibodies typically act against the polysaccharide capsule in a serotype specific manner. There are multiple vaccination options for protection against S. pneumoniae, with the major difference being the number and composition of specific serotypes present in the vaccine.

**Q-Plex Human Pneumococcal IgG (14-Plex)**

List of Serotypes: 1, 3, 4, 5, 6B, 7F, 8, 9N, 9V, 12F, 14, 18C, 19F, 23F

* **Species Specificity**: Human
* **Validated Sample Type**: Serum
* **Sample Volume Required:** 0.25 µL
* **Estimated Assay Length**: Less than 1.25 hours
* **Intra-Assay Cross Reactivity:** No significant interference observed. <1% cross-reactivity observed.
* **Assay Type**: Indirect
* **Detection Method:** Chemiluminescent
* **Multiplex Format**: 96-well solid plate
* **Catalog #:** 481849HU

The Q-Plex™ Human Pneumococcal IgG (14-Plex) is a chemiluminescent multiplex ELISA run on a 96-well plate. This pneumococcal serotype test quantitatively measures antibody levels corresponding to the serotypes found in pure polysaccharide vaccines like the Pneumovax®23 vaccine as well as protein conjugated vaccines such as Prevnar 7, Prevnar 13, Prevnar 20, and Vaxneuvance.

Antibodies play an essential role in the protection against pneumococcal disease. In humans, serum antibodies typically act against the polysaccharide capsule in a serotype specific manner. There are multiple vaccination options for protection against S. pneumoniae, with the major difference being the number and composition of specific serotypes present in the vaccine.