

Order Options for Serum Immuno-Fixation Electrophoresis (IFE)

Effective 11/24/20, Bronson Laboratory will be adopting the practice of national and other regional laboratories for the ordering of serum Immuno-Fixation Electrophoresis (IFE). Electronically, the IFE test will only be orderable as part of a profile or algorithm as noted below. If a paper order for IFE alone is received, it will be converted to the Serum Protein Electrophoresis with Serum Immunofixation (SPIFE). These changes are being made to ensure an optimal diagnostic approach along with the most efficient test utilization.

IFE is available as follows:

- **Serum Protein Electrophoresis (SPEP) with reflex to IFE**, Epic: LAB119 - If indicated by interpretation of the electrophoretic pattern and the patient history, the clinical pathologist will order an IFE. Note: If a monoclonal peak is present in the SPEP will be quantified.
- **Monoclonal Protein Electrophoresis (MPE)**, Epic: LAB2226 - This algorithm begins with a serum protein electrophoresis and serum free light chains. If indicated by interpretation of the electrophoretic pattern and the patient history, the clinical pathologist will order an IFE.
- **Serum Protein Electrophoresis with Serum Immunofixation (SPIFE)**, Epic: LAB4715 - Both tests will be performed and accompanied by a pathologist interpretation.