



### How to manage if you get monoclonal bands (Troubleshoots):

| PE | Anti IgG | Anti IgA | Anti IgM | Anti κ | Anti λ | Conclusion/ Troubleshooting   |
|----|----------|----------|----------|--------|--------|---|
|    | -        | -        | -        | -      | -      | <b>Monoclonal IgG heavy chain/-</b>   |
|    | -        | -        | -        | -      | -      | <b>Monoclonal IgG κ- chain/-</b>  |
|    | -        | -        | -        | -      | -      | Monoclonal light κ- chain/ Think about IgD and IgE too.   |
|    | -        | -        | -        | -      | -      | Monoclonal IgG λ-chain  |
|    | -        | -        | -        | -      | -      | Monoclonal IgA κ- chain   |
|    | -        | -        | -        | -      | -      | Monoclonal IgA heavy chain  |
|    | -        | -        | -        | -      | -      | Monoclonal IgA κ- chain   |
|    | -        | -        | -        | -      | -      | Biclonal IgG, IgA IgA λ- chain  |
|    | -        | -        | -        | -      | -      | Monoclonal IgM heavy chain  |
|    | -        | -        | -        | -      | -      | Monoclonal IgM λ- chain   |
|    | -        | -        | -        | -      | -      | Fibrinogen, or Heavy chain of IgD or IgE.<br>Do not use plasma for electrophoresis!<br>Examine the case with Anti IgD and IgE antisera too.     |
|    | -        | -        | -        | -      | -      | If cryoglobulins, rheumatoid factor, or immuno complexes are present in sample monoclonal bands appear with more than one or with all antisera. |