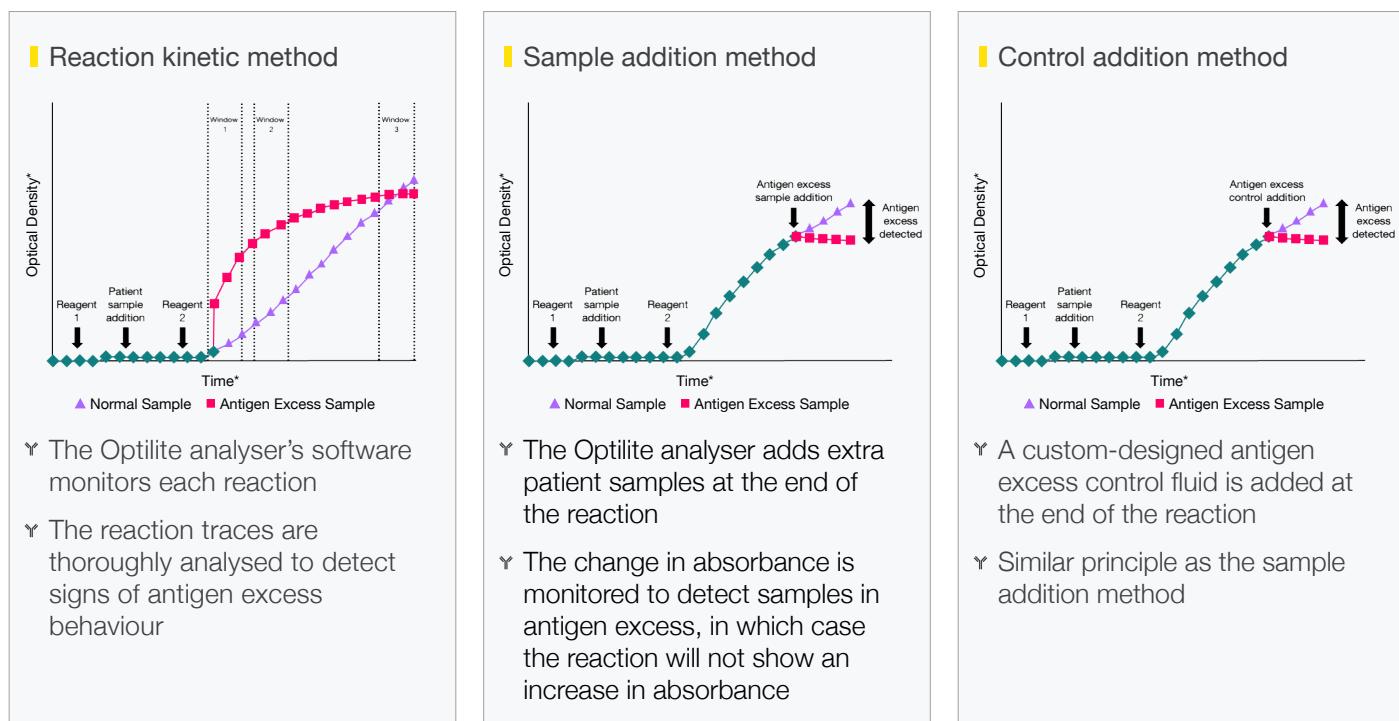




Trust your results with the Optilite® analyser - world class antigen excess protection

The Optilite analyser can utilise three different methods for advanced antigen excess protection to increase your confidence in delivering accurate results. Each assay requiring antigen excess protection is fully optimised using the method that best fits the assay. Importantly, once antigen excess is identified by the Optilite analyser, the sample will be automatically diluted until an end result is obtained.



Antigen excess or prozone effect is a phenomenon where high concentrations of analytes limit the formation of antigen-antibody immune-complexes. Antigen excess causes falsely low level analyte results, is sample-specific and can occur in any type of immunoassay.

Undetected antigen excess leads to under-estimation of the actual analyte concentration in the sample. In consequence, it can potentially give rise to inappropriate patient management and unnecessary patient follow-up. This is best managed through general awareness by the laboratory specialist supported by appropriate tools.

*Time and optical density values are assay-specific



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