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**Stability assessment of antibody-drug conjugate Trastuzumab
emtansine in comparison to parent monoclonal antibody using
orthogonal testing protocol**

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Highlights

- Orthogonal assay protocol for Trastuzumab & Trastuzumab emtansine was developed.
- Stability study of ADC using SE-HPLC, RP-HPLC, SDS-PAGE & DLS.
- Effect of stress conditions on the stability of Trastuzumab and its ADC.
- Formation of aggregates of both mAb and ADC was revealed using SE-HPLC & DLS.

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