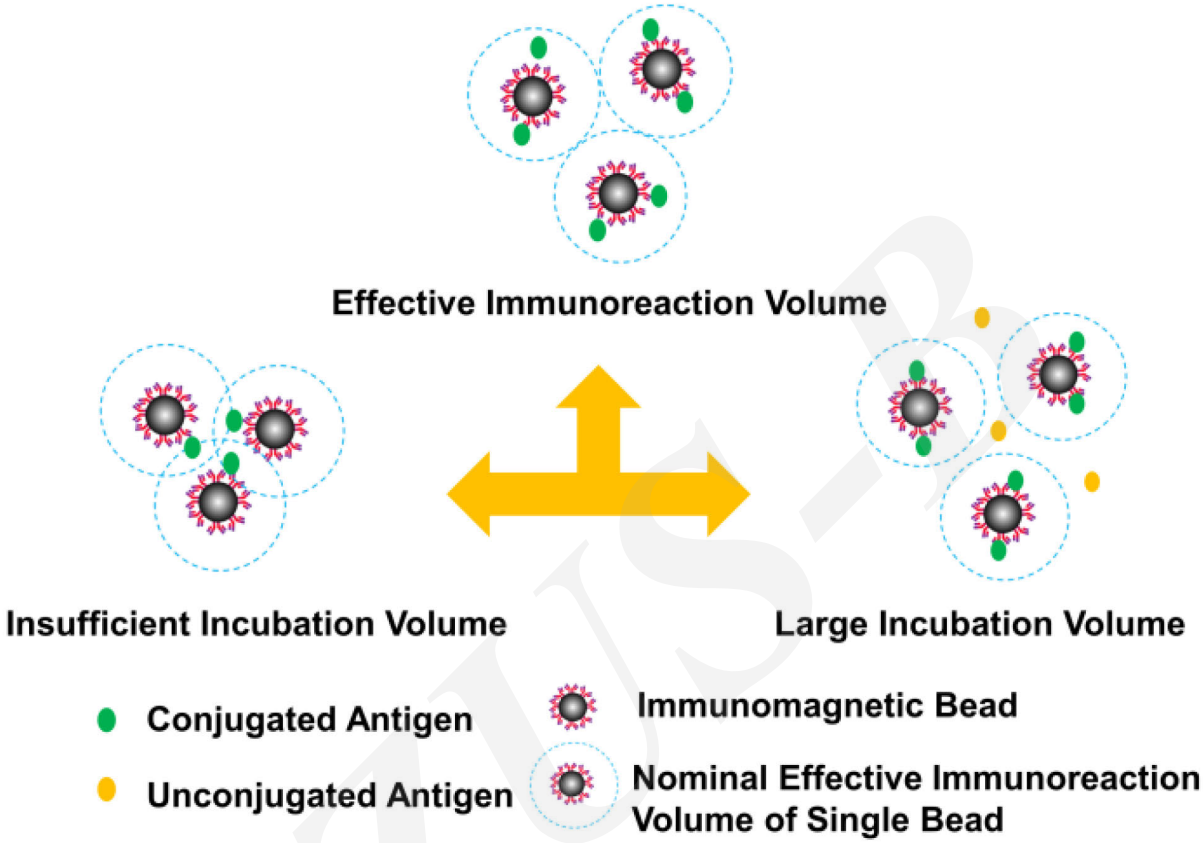
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Nominal effective immunoreaction volume of magnetic beads at single bead level

Key words: Nominal effective immunoreaction volume (NEIV); Immunomagnetic bead; Enzyme-linked immunosorbent assay (ELISA); Bead diameter; Mixing mode



- The concept of Nominal Effective Immunoreaction Volume (NEIV) was firstly proposed.
- The colorimetric result is optimal when the incubation volume of ELISA is at NEIV.
- The NEIV is a constant for magnetic beads with certain diameter.