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(71) Applicant (for all designated States except US): NESTEC SA [CH/CH]; Avenue Nestlé 55, 1800 Vevey (CH).

(72) Inventors; and

(75) Inventors/Applicants (for US only): HAUENSTEIN, Scott [US/US]; 3565 Caminito El Rincon #211, San Diego, California 92130 (US). OHRMUND, Linda [US/US]; 3519 Tennyson Street, San Diego, California 92106 (US). SINGH, Sharat [US/US]; 8171 Top of the Morning Way, Rancho Santa Fe, California 92127 (US). WANG, Shui Long [US/US]; 4555 Saddle Mountain Court, San Diego, California 92130 (US).

(74) Agents: HAO, Joe C. et al.; Kilpatrick Townsend & Stockton LLP, Two Embarcadero Center, Eighth Floor, San Francisco, California 94111-3834 (US).

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(54) Title: ASSAYS FOR DETECTING NEUTRALIZING AUTOANTIBODIES TO BIOLOGIC THERAPY WITH TNF ALPHA

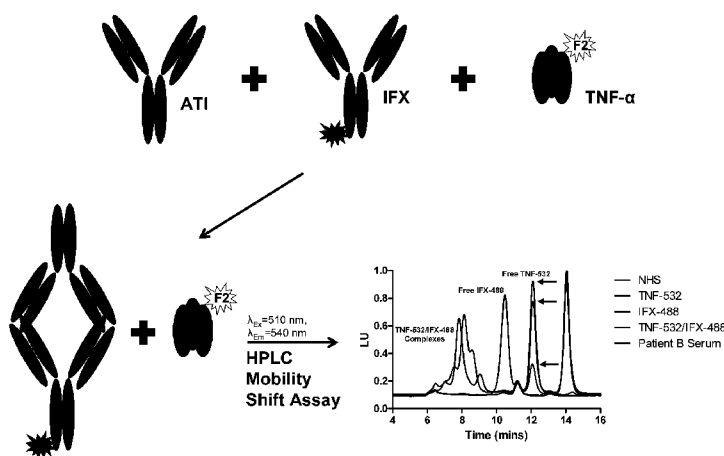


FIG. 7

(57) Abstract: The present invention provides assays for detecting and measuring the presence or level of neutralizing and non-neutralizing autoantibodies to biologics such as anti-TNF α drug therapeutics in a sample. The present invention is useful for monitoring the formation of neutralizing and/or non-neutralizing anti-drug antibodies over time while a subject is on biologic therapy. The present invention is also useful for predicting and/or determining the cross-reactivity of neutralizing anti-drug antibodies in a subject's sample with alternative biologic therapies. As such, the present invention provides information for guiding treatment decisions for those subjects receiving therapy with a biologic agent and improves the accuracy of optimizing therapy, reducing toxicity, and/or monitoring the efficacy of therapeutic treatment to biologic therapy.