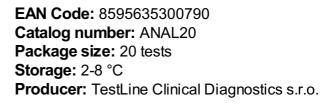


BLOT-LINE ANA





Description:

- Antigen used: combination of selected parts of the specific antigens of Jo-1, PmScl, SS-A/Ro 52, SS-A/Ro 60, SS-B/La, Scl-70, RNP-A, RNP-C, RNP-68, SmB, SmD, centromere B, centromere A, PL-7, PL-12, ribosomal protein P0, PCNA, histones, dsDNA, M2, DFS70, and nucleosome.
- Recombinant antigens are applied to the nitrocellulose membrane (i.e. to the respective

BLOT-LINE (BL) strips).

- If specific antibodies are present in the sample, they will bind to the respective antigens.
- The complex is labelled with Conjugate and detected through a colour reaction with substrate (BCIP/NBT).
- The kit enables 20 tests.
- Short incubation periods, total assay time: approximately 1.5 h.
- High sensitivity and specificity.
- All reagents supplied are ready to use.
- The kit may be used sequentially for smaller batches of samples (reagents are provided in sufficient quantities).
- BL strips equipped with conjugate control band and a control band indicating kits functionality and sensitivity.
- Positive and Negative controls included enabling validation of the tests.
- Evaluation of results the intensity of the bands can be evaluated visually or by means of software (Immunoblot Software).



Applications:

• Laboratory test for the detection of antinuclear antibodies, confirmatory test to ELISA.

Brief assay procedure:

- 1. Dilute serum/plasma samples (1:51)
- 2. Pipette diluted samples and controls into the channels of the tray and insert the BL strips.
- 3. Incubate for 30 min at room temperature using a shaker.
- 4. Wash 3 times for 5 min.
- 5. Add Conjugate.
- 6. Incubate for 30 min at room temperature using a shaker.
- 7. Wash 3 times for 5 min.
- 8. Add substrate (BCIP/NBT).
- 9. Incubate for 15 min at room temperature using a shaker.
- 10. Wash twice for 5 min in distilled water.
- 11. Dry the strips and evaluate results using the validation strip enclosed or using Immunoblot Software.