

19-NORTESTOSTERONE EIA (5082NOR1p)

General

The 19-Nortestosterone EIA is a competitive enzyme immunoassay for the detection of 17 β -19-Nortestosterone and 17 α -19-Nortestosterone in urine samples. This kit is extremely suitable to screen a large amount of urine samples in a short time on the presence of the anabolic steroids mentioned.

Kit characteristics

- **Microtitre plate:**
12 x 8 break 4 wells
- **Antibody cross reactivity:**

17 β -19-Nortestosterone	100%
Nortestosterone-Sulphate	100%
19-Nor-4-Andros-3,17-dione	240%
17 α -19-Nortestosterone	50%
Norgestrel	16%
Norethindrone	38%
- **Conjugate:**
17 β -19-Nortestosterone -HRPO stabilized.
- **Standard range ready to use:**
0, 0.0625, 0.125, 0.25, 0.5, 1.0 and 2.0 ng/ml
- **Shelf life:**
Maximum 14 months
Kit components are reusable after opening the kit.

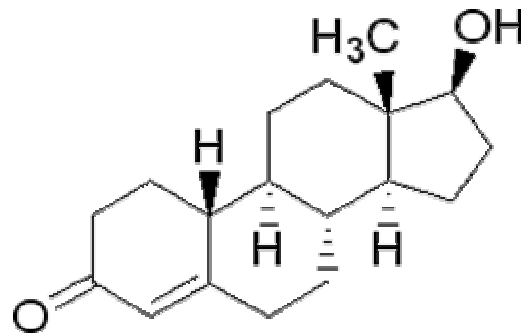
Assay characteristics

Matrices and sample preparation

Urine: Hydrolysis and SPE extraction

LOD (ppb)
1

Recovery Rate
>80%



Chemical structure of 17 β -19-Nortestosterone

Assay procedure

Antibody, conjugate and sample/standard are pipetted into the wells and incubated for 1 hour at 2°C - 8°C.

After a washing procedure ready to use substrate is added and incubated for 30 minutes at room temperature. Stop the reaction and read in a spectrophotometer at 450 nm.

A calculation program is available upon request.

