

## THERAPEUTIC DRUG MONITORING

### RIA/ELISA

#### EPO-Trac 23200/100 Tubes

<b>Intended Use</b>	For the quantitative determination of Erythropoietin (EPO) as an aid in the diagnosis of anemias and polycythemias.
<b>Label</b>	125I
<b>Method</b>	RIA Coated Antibody
<b>Controls Included</b>	Two levels
<b>No. Standard</b>	6; 0-280 mU/mL
<b>Detection Limit</b>	4.4 mU/mL
<b>Incubations</b>	2 h/RT + overnight/2-8°C
<b>Feature &amp; Benefits</b>	WHO Standardized
<b>Sample Types</b>	Serum/EDTA-Plasma
<b>Sample Size</b>	200 µL
<b>Radioactivity</b>	74 kBq - 2 µCi/100 tests

#### CYCLO-Trac SP-Whole Blood 23000/200 Tubes

<b>Intended Use</b>	For the quantitative determination of Cyclosporine.
<b>Label</b>	125 I
<b>Method</b>	RIA Immuno Sep
<b>Controls Included</b>	Two Levels
<b>No. Standard</b>	6; 0-1200 ng/mL
<b>Detection Limit</b>	8.7 ng/mL
<b>Incubations</b>	1 h/RT
<b>Feature &amp; Benefits</b>	Specific monoclonal antibody measures the parent compound. Superior specificity
<b>Sample Types</b>	EDTA Whole Blood
<b>Sample Size</b>	100 µL (extraction), 50 µL (assay)
<b>Radioactivity</b>	333 kBq - 9 µCi/200 tests

#### PRO-Trac II Tacrolimus 32400/96 Wells

<b>Intended Use</b>	For the quantitative determination of FK506 (Tacrolimus).
<b>Label</b>	HRP
<b>Method</b>	ELISA
<b>No. Standard</b>	6; 0-30 ng/mL
<b>Detection Limit</b>	0.27 ng/mL
<b>Incubations</b>	30 min + 1 h/RT, shaking
<b>Chromogene/Substrate</b>	TMB
<b>Feature &amp; Benefits</b>	Excellent sensitivity. Enzyme digestion extraction. Correlation to HPLC/MS
<b>Sample Types</b>	EDTA or Heparinized Whole Blood

**Sample Size**

50  $\mu$ L (enzymatic digestion), 100  $\mu$ L (a