

**Rabbit Anti-Rat TGF $\alpha$  Serum**

IP-2536

Lot # 8358

This antiserum was raised in a rabbit which was immunized with a peptide analogue of the carboxyl terminal loop of TGF $\alpha$  covalently attached onto a carrier protein. This antiserum is specific for TGF $\alpha$  and is suitable for immunoprecipitation of TGF $\alpha$ . The antiserum has been characterized by RIA, ELISA, and cell staining techniques. Dilute the lyophilized antiserum with 0.1 ml of 10 mg/ml BSA in PBS for the equivalent of whole antiserum, and then with additional buffer for more dilute antiserum. This antiserum quantitatively immunoprecipitates <sup>125</sup>I-TGF $\alpha$  at a dilution of 1:250.

**Antiserum Specificity**

<b>Polypeptide</b>	<b>% Cross Reactivity</b>
TGF $\alpha$ (Rat)	100
Epidermal Growth Factor (Human)	0
Atrial Natriuretic Factor (Rat)	0
Insulin-like Growth Factor-1	0
Insulin-like Growth Factor-2	0
Calcitonin (Human)	0

**Immunoprecipitation Procedure**

This antiserum has been found to immunoprecipitate <sup>125</sup>I-TGF $\alpha$  quantitatively at a final dilution of 1:250 by RIA techniques using goat anti-rabbit IgG serum and carrier normal rabbit serum as precipitating secondary antibody.