

• All components are included in each kit (standards, antibody, tracer, quality controls, precipitating reagent and buffers) to complete a RIA.

CATALOG NO.
PGH-46HK

Porcine/Canine Growth Hormone RIA Kit

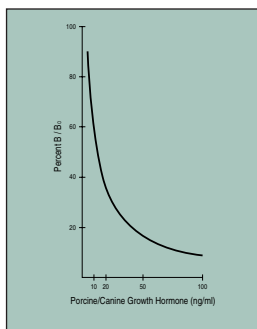
QUANTITY
125 Tube Kit

Growth Hormone is secreted from the anterior pituitary and its measurement in circulation reflects pituitary function particularly of somatotrophs. Growth Hormone influences both whole body metabolism and growth. This Porcine/Canine Growth Hormone radioimmunoassay has been developed to quantitate Growth Hormone in plasma, serum, and tissue culture media. It is a completely homologous assay since the antibody was raised against recombinant Porcine Growth Hormone and both the standard and tracer are prepared with recombinant Porcine Growth Hormone. Since the amino acid sequences of Porcine Growth Hormone and Canine Growth Hormone are identical, this Porcine Growth Hormone assay also measures Canine Growth Hormone levels with equal efficiency.

LABEL: ¹²⁵I-Porcine Growth Hormone (monoiodinated, 20,000 CPM/tube)

SPECIFICITY:

Porcine Growth Hormone	100%
Canine Growth Hormone	100%
Porcine Prolactin	<0.1%
Human Growth Hormone	<0.5%



PERFORMANCE:

ED ₈₀	=	2.3 ± 0.2 ng/ml
ED ₅₀	=	9.8 ± 0.5 ng/ml
ED ₂₀	=	41.8 ± 1.4 ng/ml

ASSAY CONDITIONS:

Overnight equilibrium, incubation at room temperature.
Sample volume ≤ 100 µl serum, plasma, or tissue culture media.

CATALOG NO.
RGH-45HK

Rat Growth Hormone RIA Kit

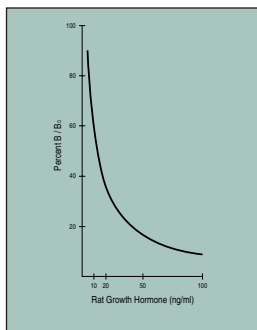
QUANTITY
125 Tube Kit

LINCO Research, Inc.'s Rat Growth Hormone radioimmunoassay kit is for the quantitative determination of Rat Growth Hormone in serum, plasma, and tissue culture media. It is completely homologous assay since the antibody was raised against recombinant Rat Growth Hormone and both the tracer and the standard are prepared with the same recombinant Rat Growth Hormone.

LABEL: ¹²⁵I-Rat Growth Hormone (monoiodinated, 20,000 CPM/tube)

SPECIFICITY:

Rat Growth Hormone	100%
Rat Prolactin	<0.1%
Porcine Growth Hormone	<0.5%
Human Growth Hormone	<0.1%



PERFORMANCE:

ED ₈₀	=	1.0 ± 0.1 ng/ml
ED ₅₀	=	4.7 ± 0.2 ng/ml
ED ₂₀	=	23.1 ± 0.7 ng/ml

ASSAY CONDITIONS:

Overnight equilibrium, incubation at room temperature.
Sample volume ≤ 100 µl serum, plasma, or cell culture media.