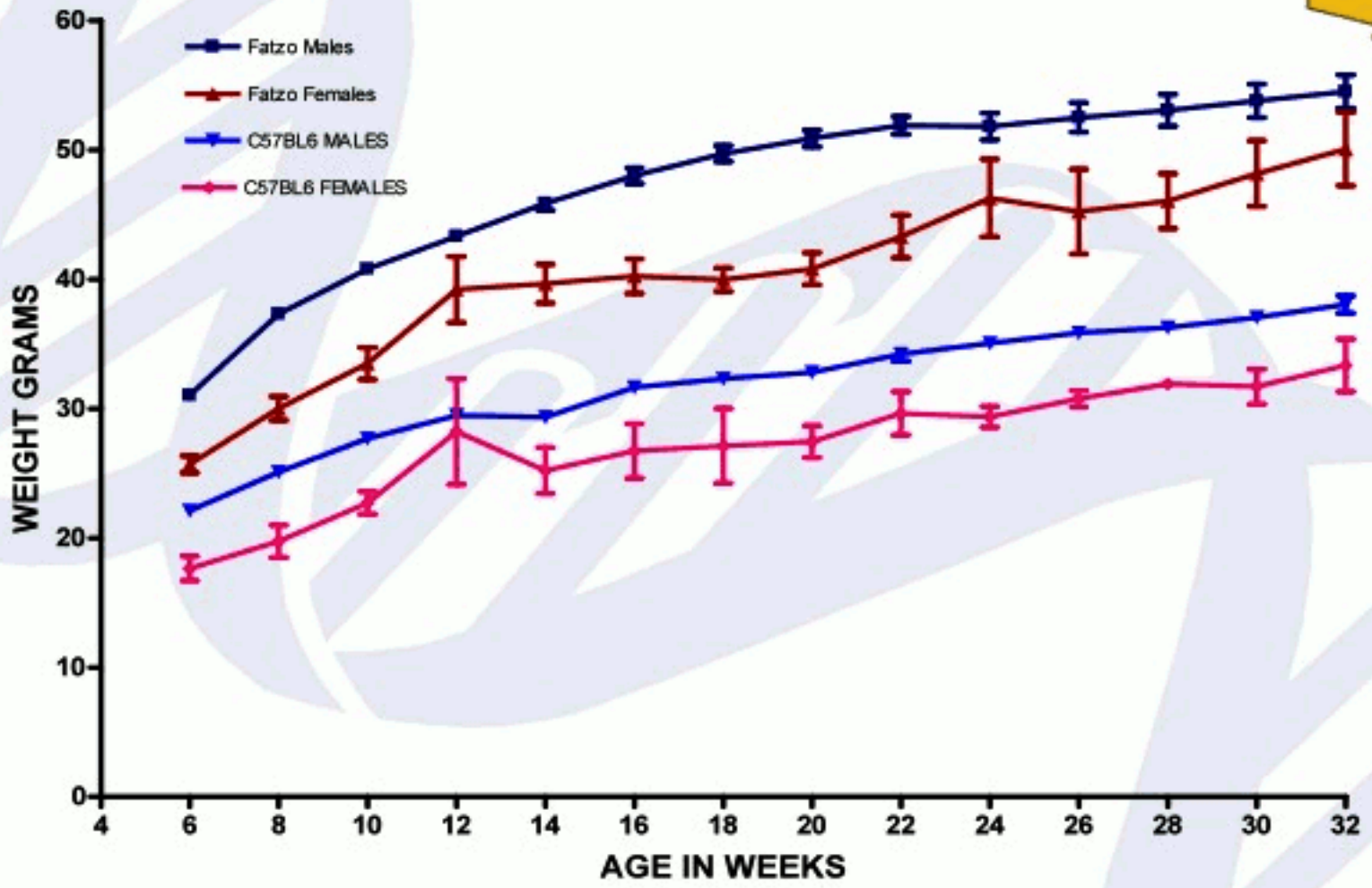


## WEIGHT

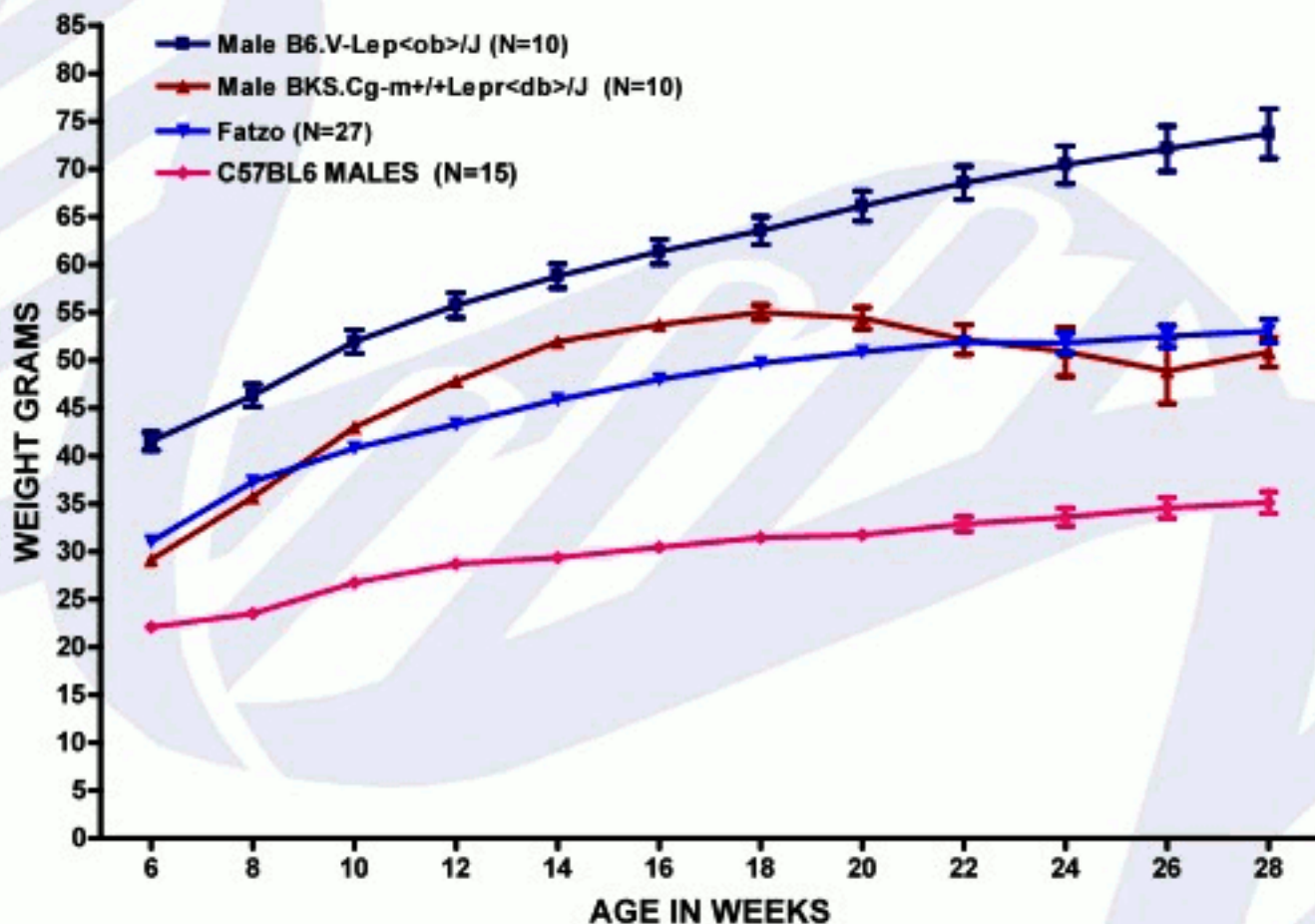


Weight comparison of Fatzo (male, N=27 and female, N=13) versus C57BL6 (male, N=7 and female, N=5). Fatzo mice of both genders gain more in total body weight over time.

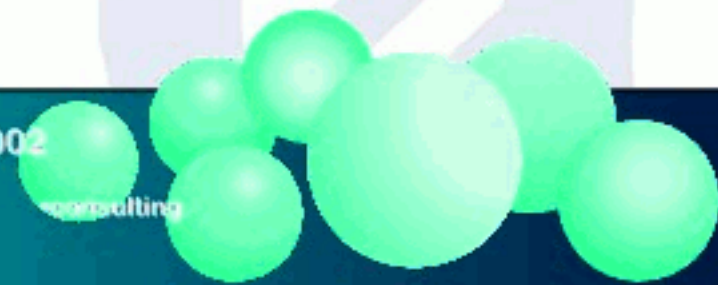




## MALE Fatzo WEIGHT vs. db/db and ob/ob



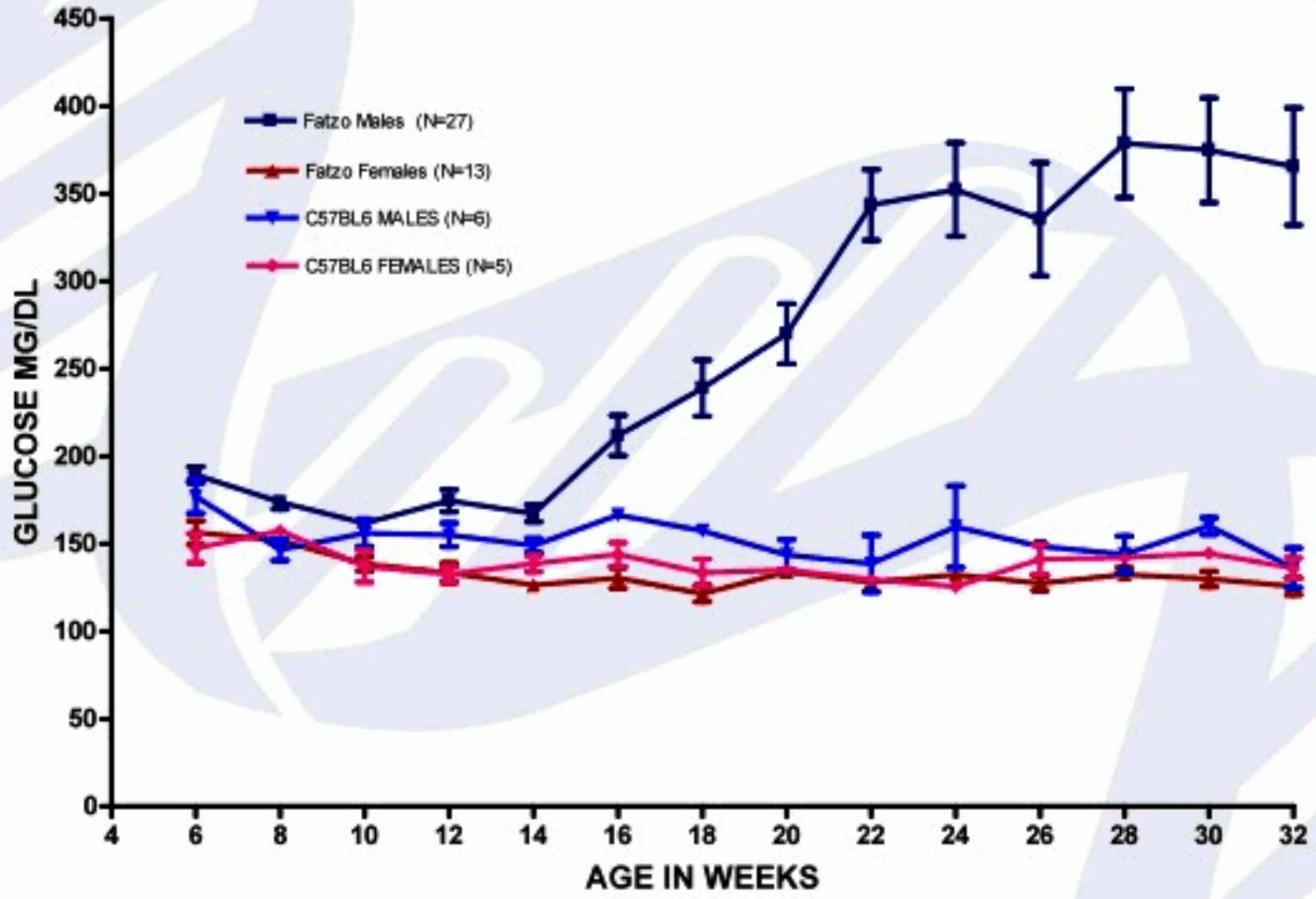
Weights of Fatzo mice are comparable to db/db and ob/ob mice.



# PreClinOmicS



## FED GLUCOSE LEVELS, Fatzo vs. C57BL6



Glucose comparison of Fatzo (Obese males and Females) and C57BL6 mice. Fatzo (Obese male) begins expressing hyperglycemia at age 14 weeks. Once hyperglycemia is expressed, it is maintained.

P.O.Box 68845 \* Indianapolis, IN 46268 Phone: 317-872-6001 Fax: 317-872-6002

•in vivo efficacy, safety, pk/pd    •animal model development    •clinical chemistry/biomarker analysis    •consulting

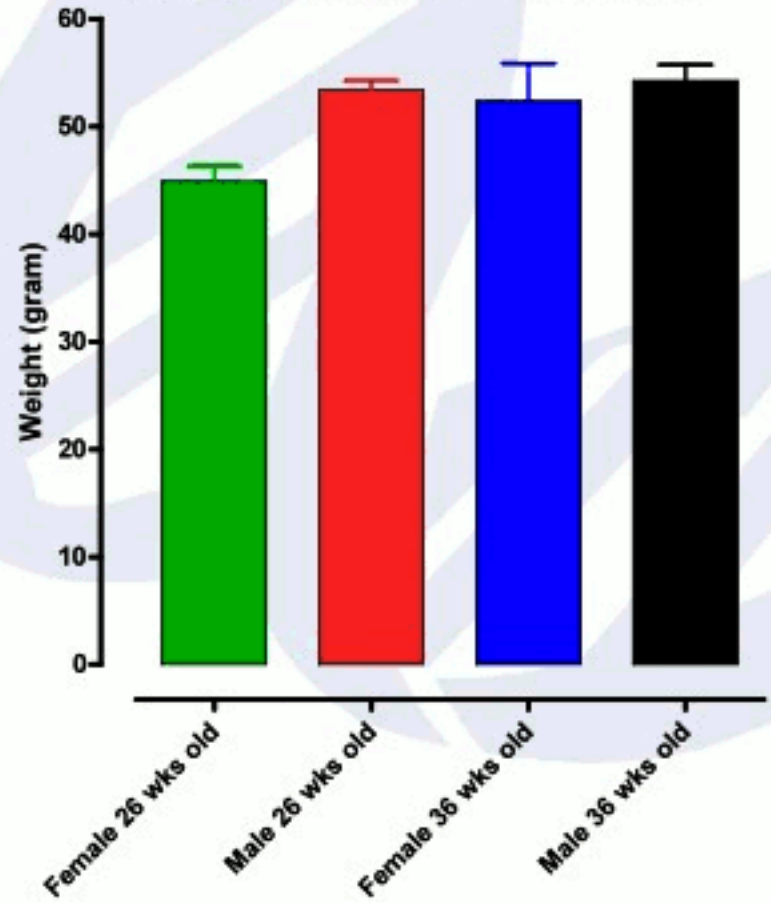
[www.preclinomics.com](http://www.preclinomics.com)



# PreClinOmicS

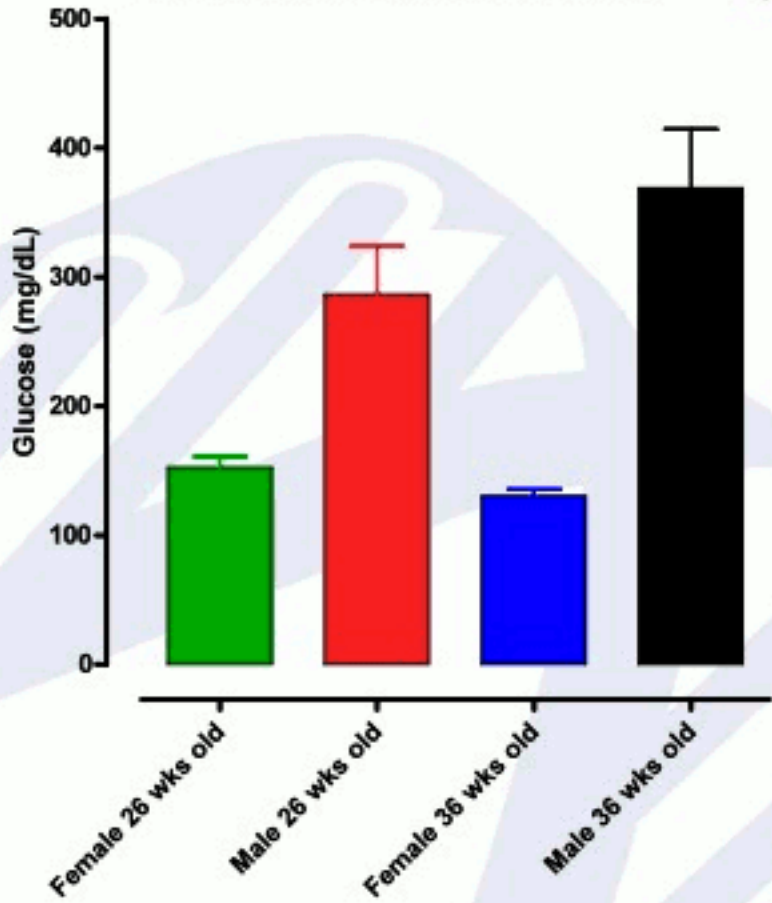


### Fatzo Body Weights at 26 & 36 weeks



Body weights of Fatzo mice at ages 26 and 36 weeks. Males at 26 weeks (N=20) tend to weigh more than females at 26 weeks (N=17). By 36 weeks however, Females (N=9) weigh just as much as males (N=17).

### Fatzo Glucose at 26 & 36 weeks



Glucose of Fatzo mice at ages 26 and 36 weeks. Males, by 26 weeks (N=20) have expressed hyperglycemia and tend to maintain these levels or higher by 36 weeks (N=17); Females (26 weeks, N=9 and 36 weeks, N = 17) do not tend to express hyperglycemia.

P.O.Box 68845 \* Indianapolis, IN 46268 Phone: 317-872-6001 Fax: 317-872-6002

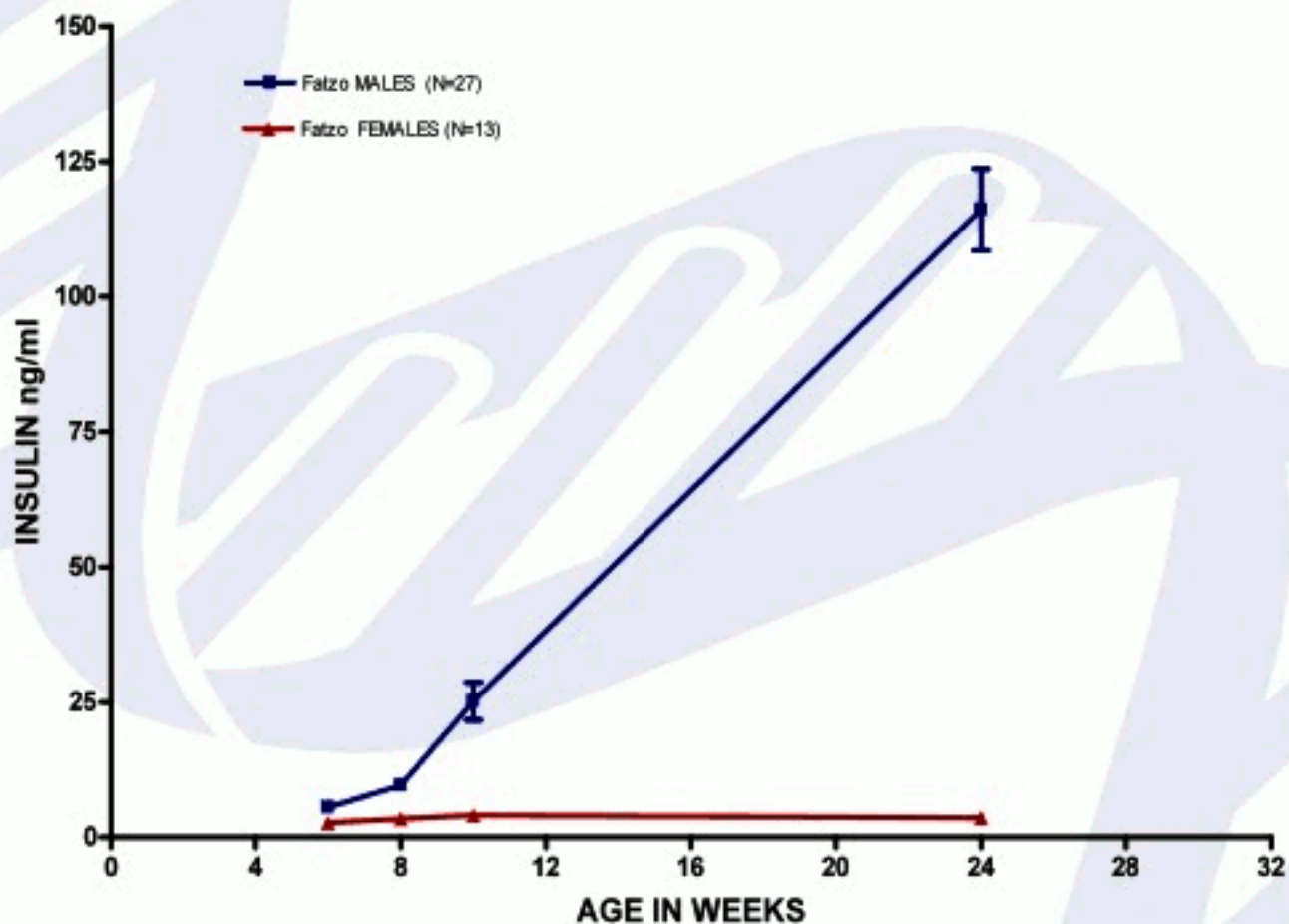
•in vivo efficacy, safety, pk/pd    •animal model development    •clinical chemistry/biomarker analysis    •consulting

[www.preclinomics.com](http://www.preclinomics.com)





## INSULIN LEVELS of Fatzo Mice



Insulin levels of Fatzo Mice (Males and Females). Insulin levels are much higher in males, indicating a much faster rate of development of diabetes than in females.

P.O.Box 68845 \* Indianapolis, IN 46268 Phone: 317-872-6001 Fax: 317-872-6002

\*in vivo efficacy, safety, pk/pd

\*animal model development

\*clinical chemistry/biomarker analysis

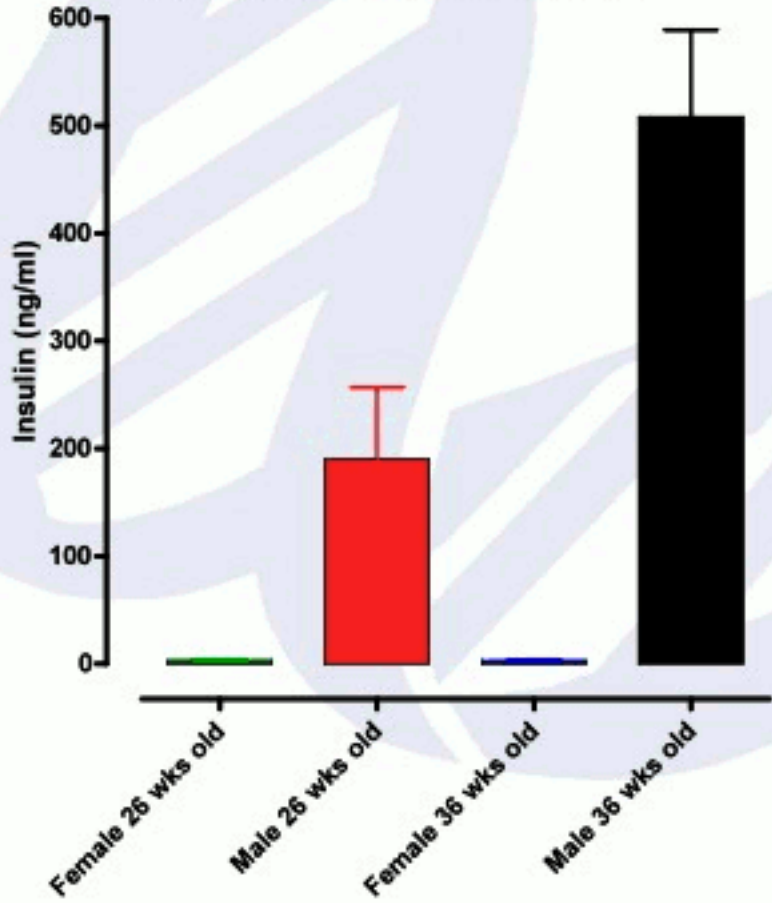
\*consulting

[www.preclinomics.com](http://www.preclinomics.com)

# PreClinOmics

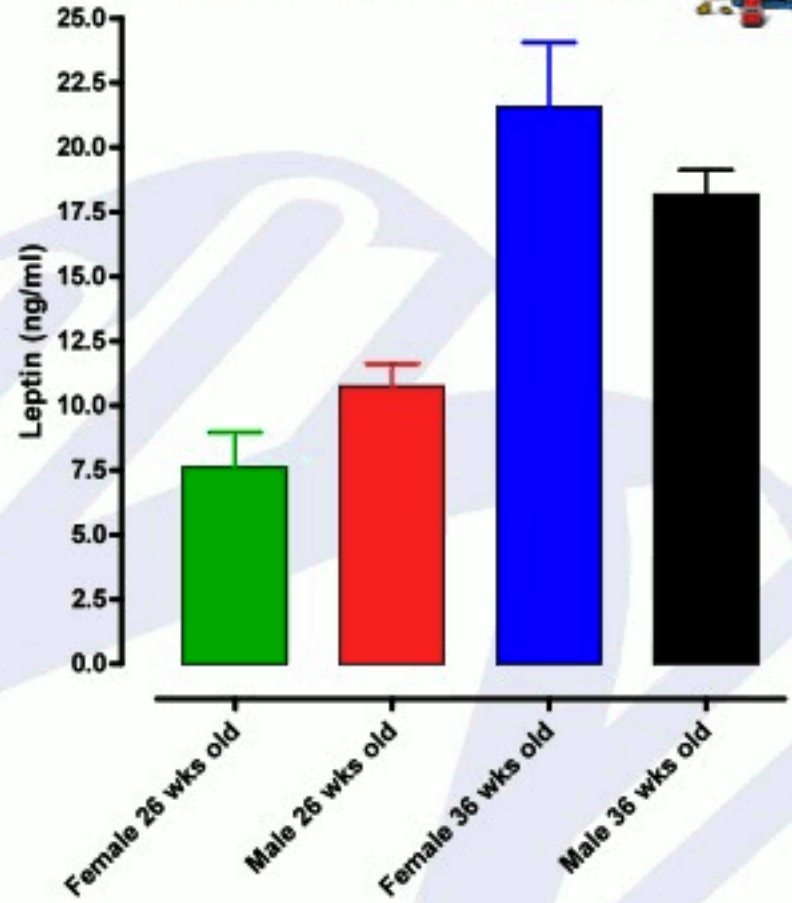


**Fatzo Insulin at 26 & 36 weeks**



Insulin levels of Fatzo mice at ages 26 and 36 weeks. Males at 26 weeks (N=20) show insulin response to hyperglycemia, and maintain this response at the same level or higher (36 weeks old, N=17); Females' insulin response reflects that of glucose data (26 weeks, N=17 and 36 weeks, N = 9).

**Fatzo Leptin at 26 & 36 weeks**



Leptin levels of Fatzo mice at ages 26 and 36 weeks. Leptin receptors appear to remain stable throughout lifespan (Males 26 weeks, N=20 and 36 weeks, N = 17; Females 26 weeks, N=17 and 36 weeks, N=9).

P.O.Box 68845 \* Indianapolis, IN 46268 Phone: 317-872-6001 Fax: 317-872-6002

\*in vivo efficacy, safety, pk/pd    \*animal model development    \*clinical chemistry/biomarker analysis    \*consulting

[www.preclinomics.com](http://www.preclinomics.com)

