Wk 8: Salivary flow rate
rAAV2 Administration

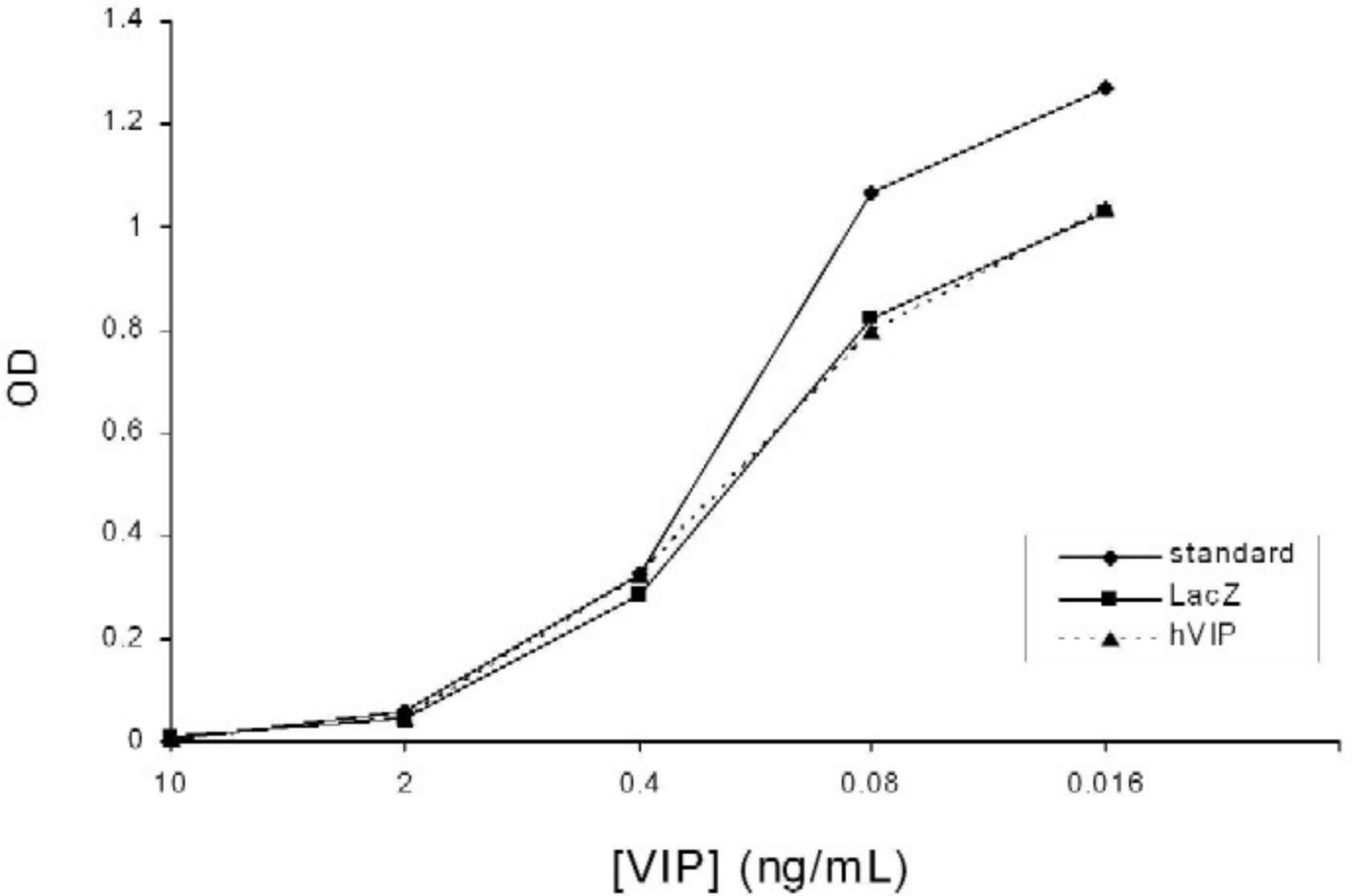
Wk 10-16 (weekly):
- Weight
- Blood glucose levels
- Insulin injections

Wk 16 (sacrifice):
- Salivary flow rate
- Saliva (VIP)
- Serum (VIP, anti-VIP antibodies, cytokines)
- SMG: protein - VIP, cytokines
  histology - focus scores

Age 8 12 16 wks

- **rAAV2LacZ (10^{10} particles/gland, n = 15)**
- **rAAV2hVIP (10^{10} particles/gland, n = 15)**

Mean age of onset autoimmune sialadenitis


1.4
1.2
1
0.8
0.6
0.4
0.2
0
OD
10
2
0.4
0.08
0.016
[VIP] (ng/mL)
standard
LacZ
hVIP