



Class Myxini (hagfishes)

- 75 to 200 slime glands (each side) along ventrolateral body wall
- each ovoid gland (1.5 to 3 mm diameter) with numerous cells
- slime exudate makes up to 3 4% of hagfish body mass



60g hagfish = 24L slime!? Slime composition 1. 99.996% seawater 2. 0.0015% mucin 3. 0.002% slime thread Hagfish slime = 0.015 mg/ml mucin Salivary mucus = 14 mg/ml mucin BIOL 4340-Lecture 6-3





























