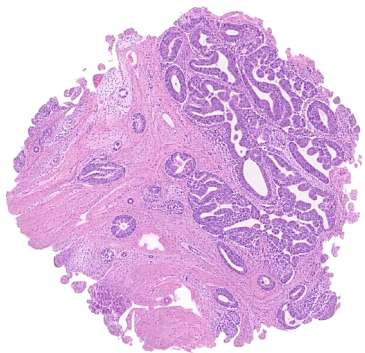


Whole Slide Image

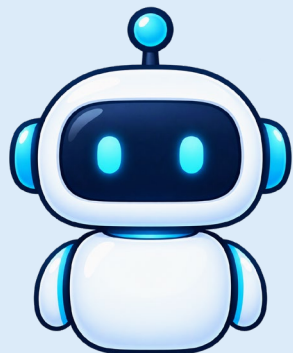


Question

What is the level of mitotic activity in the abnormal tissue?

1. Low
2. Medium
3. High
4. Cannot determine

Agent A (Sender)



Prompt

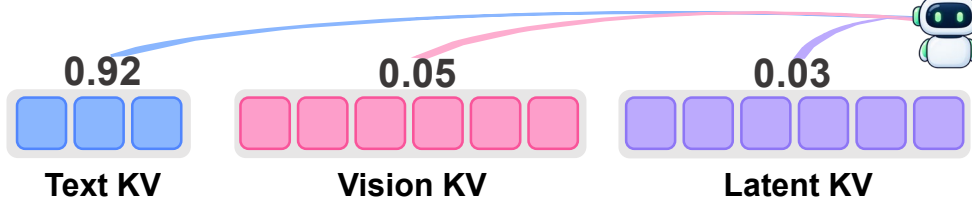
Text Communication

Irregular glandular architecture ... increased mitotic activity is ...malignant transformation..

Cannot fully preserve rich visual information in histopathology images.

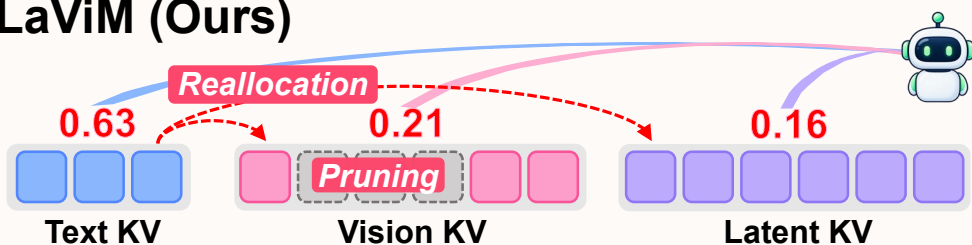
Latent Communication

Attention from Agent B



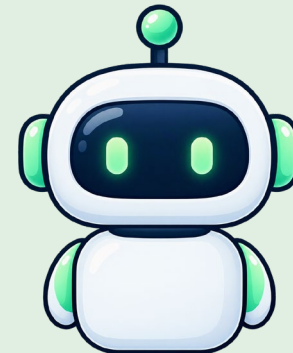
Requires a large KV cache due to numerous visual tokens.

LaViM (Ours)



Reduces KV-cache overhead while reallocating attention to retained information.

Agent B (Receiver)



Prompt