

Diagram Worksheet: *Alveolus structure*

Examiner's note

Biological Diagrams need: strong clear lines, accurate shapes, neat labelling, & no shading.

Draw your ALVEOLI diagram here

Label	Annotation
Surfactant	A chemical made by type I pneumocytes from phospholipid which reduce surface tension and so prevent the collapse of alveoli.
Film of moisture	Covers the surface of alveoli and help gas exchange.
Network of capillaries	They surround the alveoli and carry blood which transports oxygen and carbon dioxide. This helps to maintain the concentration gradients.
Type I pneumocyte	Thin "squamous" cells which form the surface for gas exchange.
Type II pneumocyte	Cuboid shaped cells which make surfactant and can divide to replace type I pneumocytes.
Gas exchange	The diffusion of oxygen and carbon dioxide through the walls of the alveoli.

Further revision of these labels & lung labels on Quizlet: <https://quizlet.com/7097h>