

Lung capillaries	Left ventricle
Pulmonary artery	Small vein (venule)
Aorta	Left atrium
Capillary	Small artery (arteriole)
Atrioventricular valves	Right ventricle
Blood gains oxygen	Atrioventricular valves
Vena cava	Right atrium
Blood gains carbon dioxide	Blood loses carbon dioxide
Pulmonary vein	Blood loses oxygen
Oxygen	Carbon dioxide
Semilunar valves	Semilunar valves