

Normal 12-Lead EKG Characteristics

Lead	P wave	Q wave	R wave	S wave	T wave
I	upright	small	largest wave	small or none	upright, < 5 mm
II	upright	none	large	small or none	upright, < 5 mm
III	variable	small or none	none to large	none to large	variable
aVR	inverted	small, none, or large (QS)	small or none	large	inverted
aVL	variable	small, none, or large	small, none, or large	none to large	variable
aVF	upright	small or none	small or none	small, none, or large	variable
V1	variable	QS complex	small or none	large (QS)	variable
V2	upright	none	larger than V1	large	upright, < 10 mm
V3	upright	none	≤, ≥, or = to S wave	≤, ≥, or = to R wave	upright, < 10 mm
V4	upright	none	taller than V3	smaller than V3	upright, < 10 mm
V5	upright	small	larger than V4	smaller than V4	upright, < 10 mm
V6	upright	small	≤ V5	≤ V5	upright, 10 mm