

Chick Embryo Slide

Image 1

13-Hour Chick

- A. The light inner region of the embryo.
- B. The dark area consists of blood cells.
- C. The streak near the main body of the embryo.

Image 2

18-Hour Chick

- A. The darker region consists of the brain beginning to form in this area.
- C. The streak appears thicker, the ridges are higher and the groove is deeper.

Image 3

21-Hour Chick

- C. The streak has folded forward. Brain develops inside the fold. Mouth and digestive system are beginning underneath.
- E. This part of the streak forms a tube under the surface. It will become the backbone and spinal cord.
- D. The lumps are muscle plates of the chest and trunk.

Image 4

28-Hour Chick

- A. The Brain
 - Circulatory System beginning
- F. Two large veins
- B. Blood spots begin to form blood vessels, which will later connect with the two large veins (F).

Image 5

38-Hour Chick

- H. Heart beating
- A. Brain has five regions. The top region bulges sideways to form eyes.

Image 6

48-Hour Chick

- The brain is larger, bent and turned to the right.
- Blood spots are a network of blood vessels carrying food from the yolk to the chick embryo.

Image 7

56-Hour Chick

- Brain growing and bending forward.
- H. The heart begins to form 4 chambers.
- G. The eye continues to develop.
- J. The ear continues to develop.
- F. The arteries are large and well formed.

Image 8

96-Hour Chick

- The brain is almost 1/3 of the body.
- G. The eye is very clear.
- K. Front limbs (wings)
- L. Legs
- M. Sac to receive body waste until hatching.

There are 21 days from the first division to hatching.