

OSU EXTENSION NEWS

Most passive immunity occurs in the first six hours



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OSU EXTENSION

As calving season continues in Pittsburg County, let's re-visit the importance of passive immunity via colostrum (mother's milk).

Resistance to disease is greatly dependent on antibodies or immunoglobulins and can be either active or passive in origin. In active immunity, the body produces antibodies in response to infection or vaccination. Passive immunity gives temporary protection by transfer of certain immune substances from resistant individuals. An example of passive immunity is passing of antibodies from the dam to calf via the colostrum (first milk after calving). This transfer only occurs during the

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