

<出典> 欧州委員会 科学運営委員会

“OPINION ON TSE INFECTIVITY DISTRIBUTION IN RUMINANT TISSUES
(STATE OF KNOWLEDGE, DECEMBER 2001) ADOPTED BY THE SCIENTIFIC
STEERING COMMITTEE AT ITS MEETING OF 10-11 JANUARY 2002.”

Table 3: Tentative summary of preliminary estimations* on classification of tissues of cattle according to infectivity after experimental oral or natural exposure to the agent of BSE.

Infectivity titres**:

A = high:	$10^{3.0} - 10^{5.0}$ in mouse;	$10^{5.7} - 10^{7.7}$ in cattle ***
B = medium	$10^{1.5} - 10^{3.0}$ in mouse;	$10^{3.3} - 10^{5.6}$ in cattle ***
C = low	$\leq 10^{1.5}$ in mouse;	$\leq 10^{3.2}$ in cattle ***
D = undetectable		
? = data not published		

	EXPERIMENTAL				NATURAL
	6-14	18	32	clinical	clinical
months after exposure				36-40	-
Brain			B / C	C	A
Retina					?
Spinal cord			C	C	A
Dorsal root ganglia			C	C	C
Trigeminal ganglion				C	
Ileum-distal	B / C	C		C	
<i>Lymph node (retropharyngeal)</i>					D
<i>Lymph node (Mesenteric)</i>					D
<i>Lymph node (Popliteal)</i>					D
For the list of tissues in which no detectable infectivity was found: see tables 1 and 2 of this opinion and table 5 and the Annex of the attached report.					

* Refer to the report for further detail

** The classification used is preliminary and arbitrary because of a skewed range of infectivity in cattle with BSE compared to sheep with scrapie. It does not correspond to the Groups or Categories used in Table 1.

*** Values in bold in the table are based on bioassay in cattle.