

Do I Need IBC Approval?

Agent / Scope (not an inclusive list)	IBC Approval Required -- full committee review at a monthly meeting	IBC Approval Required -- review by IBC Chair on behalf of committee	No IBC Approval Required
Cloning and protein expression in <i>E. coli</i> K-12 derived strains (includes DH5a, Hrf strains, SURE, TOP10, etc.)		X*	
Cloning and protein expression in non K-12 strains of <i>E. coli</i> (includes B, BL21, Rosetta, etc.)	X		
Cloning and protein expression in <i>Saccharomyces</i> and <i>Kluyveromyces</i> host-vector systems		X*	
Cloning and protein expression in <u>asporogenic</u> <i>Bacillus subtilis</i> and <i>B. licheniformis</i> host-vector systems		X*	
Cloning and protein expression in <u>spore-forming</u> <i>Bacillus subtilis</i>	X		
Cloning and protein expression in bacteria, viruses, fungi, protozoans, etc.	X		
Wild-type bacteria, viruses, fungi and protozoans pathogenic or potentially pathogenic to humans, animals and plants		X*	
Animal cells and cell lines/tissue/blood from uninfected animals (includes rodent and insect cell lines) These cells may not be recombinantly modified.			X
Human and non-human primate cells and cell lines, tissue, blood (Provided these cells are not being recombinantly modified.)		X*	
Animal and human cells and cell lines, including non-human primate cells and cell lines (transfected)		X*	
Animal and human cells and cell lines, including non-human primate cells and cell lines (transduced with viral vectors)	X*		
Viral vectors (Lentiviral, retroviral, baculoviral, adenoviral, adeno-associated viral vectors, etc.)	X*		
Plant pathogens (including Texas isolates)		X*	
Toxins of biological origin (e.g. aflatoxin, pertussis)		X*	
Work involving gene editing systems (e.g. CRISPR/Cas9, TALENS, etc.)	X**		
Large-scale experiments (greater than 10 liters of culture in a single vessel)	X		
Materials that require federal transport/import permits		X*	
Experiments involving the introduction of synthetic nucleic acids (e.g. siRNA, microRNA, morpholinos, antisense oligonucleotides) into animals (e.g. rodents, zebrafish, drosophila, pigs, etc.)		X*	
Experiments involving the introduction of recombinant material into animals, including transgenic animals (e.g. rodents, zebrafish, drosophila, pigs, etc.)	X		

*: some exceptions may apply **: depends on method of delivery