

## grid of protocol assessment

protocols	biological product used	quantity	operation made	aerosol creation	direct contact with skin and inhalation	possibility of spread of the product	PPE weared	work environnement	equipment used	means of safety prevention already used
cell			preparation				latex gloves and	laboratory	ice tray	PPE
	e.choli BW25113 without any modification	100µL	transfert bacteria from -80 to ice			thoses bacteria are not modified, they does not present any danger and are in	latex gloves and cold protctive gloves	laboratory	ice tray	PPE and closed eppendorfs
	e.choli BW25113 without any modification		make 2 eppendorfs of 50µL of bacteria in each one	yes	yes	yes	latex gloves	laboratory and flow hood	pipettes	special trash can for biological risk waste, good laboratory practices, autoclaves
	e.choli BW25113 without any modification		put 10µL of PCR product	yes	yes	yes	latex gloves	laboratory and flow hood	pipettes	special trash can for biological risk waste, good laboratory practices, autoclaves
	e.choli BW25113 modified		let them in the ice for				latex gloves	laboratory	pipettes and ice	closed eppendorfs
			prepare the heating				latex gloves	laboratory	heating block	
	e.choli BW25113 modified		place eppendorfs				latex gloves	laboratory	heating block	eppendorfs well closed

	e.choli BW25113 modified		ad 250µL of LB	yes	yes	yes	latex gloves	laboratory and flow hood	pipettes	special trash can for biological risk waste, good laboratory practices, autoclaves
	e.choli BW25113 modified		leave them at 37°C for				latex gloves	lab and incubator	pipettes	
	e.choli BW25113 modified		place bacteria on solid medium	yes	yes	yes	latex gloves	laboratory and flow hood	pipettes	special trash can for biological risk waste, good laboratory practices, autoclaves
	e.choli BW25113 modified		make incubate				latex gloves	lab and incubator	incubator	
mini preparation	e.choli BW25113 modified		transfert of the bacteria from the culture medium	yes	yes	yes	latex gloves	lab and flow hood		special trash can for biological risk waste, good laboratory practices, autoclaves