



# Biolab Safety Bundle

Head-to-toe PPE solutions that all  
add up to a safer, more productive lab



Exceptional  
Workplaces®

# Biosafety Level

## Personal Protection Solutions

### Biosafety Level 1

Examples of pathogens in this area:  
non-pathogenic virus, bacteria or fungi†

HEAD



Jackson Safety\* V30 Nemesis\*  
Safety Glasses  
**25676, 25679**



Jackson Safety\* V10 Element\*  
Safety Glasses  
**25627**

BODY



Kimtech Pure\* A7  
Cleanroom Lab Coats  
**47651-47657**

WRISTS



Kimtech Pure\* A4  
Cleanroom Sleeves  
**49815, 48916**

HANDS



Kimberly-Clark\* Sterling\*  
Nitrile Exam Gloves, 9.5 in.,  
3.5 mil thickness  
**50705-50709**



Kimberly-Clark\* Spring Green  
Nitrile Powder-Free Exam  
Gloves, 9 in., 4.7 mil thickness  
**43437-43441**

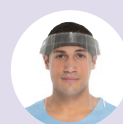
FEET

### Biosafety Level 2

Examples of pathogens in this area: Varicella-zoster virus,  
Salmonella arizonae, Salmonella enterica serovar enteritidis,  
Legionella spp, herpes simplex viruses 1 and 2†



KleenGuard\* A10  
Bouffant Caps  
**36850, 36860**



Kimberly-Clark\* Guardall  
Shield\* Face Shield  
**41204**



Kimberly-Clark\* Masks  
**48100, 47090, 47080**



Jackson Safety\* V80  
Revolution\* OTG Goggle  
**14399**



Kimtech Pure\* A7  
Cleanroom Lab Coats  
**47651-47657**



KleenGuard\* A60 Bloodborne  
Pathogen & Chemical  
Protection Apparel  
**45002-45007**



Kimtech Pure\* A4  
Cleanroom Sleeves  
**49815, 48916**



Kimberly-Clark\* Purple  
Nitrile\* Exam Gloves, 9 in.,  
6 mil thickness  
**55080-55084**



Kimberly-Clark\* Spring  
Green Nitrile Powder-Free  
Exam Gloves, 9 in.,  
4.7 mil thickness  
**43437-43441**



Kimberly-Clark\* Sterling\*  
Nitrile Exam Gloves, 9.5 in.,  
3.5 mil thickness  
**50705-50709**



Kimtech Pure\* A8 Shoe Covers  
**39370-39372**

## Bench Top Essentials and Sanitizers



Kimtech Science\* Kimwipes\* Wipers  
**34155, 34133, 34721**



Kimtech Pure\* W4  
PreSat Wipers  
**06070**



Scott® C-Fold Towels  
**01510**



Kimtech Science\*  
Bench Top  
Protector Sheet  
**75460**



Kleenex® Ultra\*  
Moisturizing  
Foam Hand Sanitizer:  
**34604**



## Biosafety Level **3**

Examples of pathogens in this area: *Bacillus anthracis*, *Mycobacterium leprae*, *Mycobacterium tuberculosis*, Dengue viruses types 1–4, Hepatitis C virus<sup>†</sup>

HEAD



KleenGuard\* A10  
Bouffant Caps  
**36850, 36860**



Kimberly-Clark\* Guardall  
Shield\* Face Shield  
**41204**



Kimberly-Clark\* N95  
Particulate Filter  
Respirator and  
Surgical Mask, Fluid  
Protection, Pouch Style  
**46827**



Jackson Safety\* V80  
Revolution\* OTG Goggle  
**14399**



Kimtech Pure\* A5  
Integrated Hood  
& Mask, non-sterile  
**49828**



Jackson Safety\* V90  
Shield Goggle  
**18629**

BODY



Kimtech Pure\* A7  
Cleanroom Lab Coats  
**47651-47657**



KleenGuard\* A60  
Bloodborne Pathogen  
& Chemical Protection  
Apparel  
**45002-45007**

WRISTS



Kimtech Pure\* A4  
Cleanroom Sleeves  
**49815, 48916**

HANDS



Kimberly-Clark\*  
Purple Nitrile-Xtra  
Exam Gloves, 12 in.,  
6 mil thickness  
**55090, 50601-50604**



Kimberly-Clark\* Sterling\*  
Nitrile-Xtra\* Exam Gloves,  
12 in., 3.5 mil thickness  
**53137-53141**

Kimtech Pure\* G3 Sterile  
Sterling\* Nitrile Gloves,  
12 in., 4 mil thickness  
**11821-11828**

FEET



Kimtech Pure\* A8  
Shoe Covers:  
**39370-39372**

## Pandemic Response *(field-based only)*

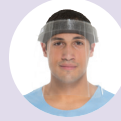
Examples of pathogens in this area: Macacine herpesvirus, Ebolavirus (Bundibugyo, Reston, Sudan, Tai Forest, Zaire), Marburg HF, Crimean-Congo hemorrhagic fever virus<sup>†</sup>



Kimberly-Clark\* N95 Particulate Filter  
Respirator and Surgical Mask, Fluid  
Protection, Pouch Style  
**46827**



Kimtech Pure\* A5 Integrated Hood  
& Mask, non-sterile  
**49828**



Kimberly-Clark\* Guardall Shield\*  
Face Shield  
**41204**



Jackson Safety\* V90 Shield Goggle  
**18629**



KleenGuard\* A60 Bloodborne  
Pathogen & Chemical Protection  
Apparel:

Hooded  
**45022-45027**

Hooded & Booted  
**45092-45097**



Kimtech Pure\* A4 Cleanroom Sleeves  
**49815, 48916**



Kimberly-Clark\* Purple Nitrile-Xtra  
Exam Gloves, 12 in., 6 mil thickness  
**55090, 50601-50604**



Kimberly-Clark\* Sterling\* Nitrile-Xtra\*  
Exam Gloves, 12 in., 3.5 mil thickness  
**53137-53141**

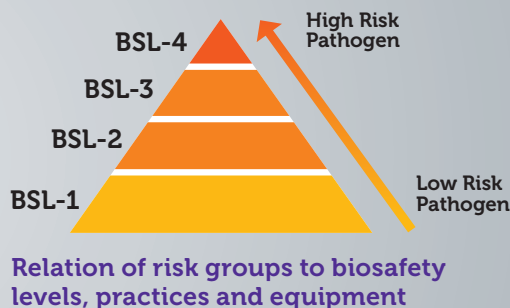


KleenGuard\* A40 Liquid &  
Particle Protection Boot Covers  
with Vinyl Sole  
**36779, 44495**

<sup>†</sup> User should assess the types of hazards and risks to decide on appropriate personal protective equipment. The above products meet the suggested safety equipment requirements currently published by the Centers for Disease Control and Prevention (CDC) and the World Health Organization (WHO). Continue to monitor their websites for any update to infection control procedures.

# Understanding the biological risks

Laboratories are designated according to their design features, construction and containment facilities as Biosafety levels 1-4. The table below indicates the differences between each.<sup>1</sup>



Risk	Biosafety Level	Definitions	Laboratory Type	Laboratory Practices
1	<b>Basic</b> Biosafety Level 1	<b>No or very low individual and community risk</b> A micro-organism that is unlikely to cause human or animal disease.	Basic teaching, research	GMT <sup>2</sup> / GLP <sup>2</sup>
2	<b>Basic</b> Biosafety Level 2	<b>Moderate individual risk, low community risk</b> A pathogen that can cause human or animal disease but unlikely to be a serious hazard to laboratory workers, the community, livestock or the environment. Laboratory exposures may cause serious infection, but effective treatment and preventative measures are available and the risk of spread of infection is limited.	Primary health services, diagnostic research	GMT <sup>2</sup> plus protective clothing as part of GLP <sup>2</sup>
3	<b>Containment</b> Biosafety Level 3	<b>High individual risk, low community risk</b> A pathogen that usually causes serious human or animal disease but does not ordinarily spread from one infected individual to another. Effective treatment and preventative measures are available.	Special diagnostic research	As Level 2 plus special clothing, controlled access, directional air flow, biological safety cabinets
4	<b>Maximum Containment</b> Biosafety Level 4	<b>High individual and community risk</b> A pathogen that usually causes serious human or animal disease and that can be readily transmitted from one individual to another, directly or indirectly. Effective treatment and preventative measures are not usually available.	Dangerous pathogen units	As Level 3 plus airlock entry, shower exit, special waste disposal, biological safety cabinets, Autoclave

<sup>1</sup> <http://www.who.int/csr/resources/publications/biosafety/Labbiosafety.pdf> World Health Organization LABORATORY BIOSAFETY MANUAL. 2003

<sup>2</sup> GMT – Good Microbiological Technique, GLP Good Laboratory Practices

For more information and to request samples of these products, visit **kimtech.com** or contact your local Kimberly-Clark Professional\* representative.



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