

## DNA/RNA Extraction Kit series

Clinical Dx	Food Safety
<ul style="list-style-type: none"> <li>• Bacterial DNA</li> <li>• TB</li> </ul>	<ul style="list-style-type: none"> <li>• Viral DNA/RNA</li> <li>• Halal · Gelatin</li> <li>• General Food &amp; Feed</li> <li>• GMO</li> <li>• Quick DNA Ext.</li> </ul>

### Clinical Dx

Application	Cat No	Product	Size	Purification module	Samples	Sample Scale
Bacterial DNA extraction	E0101	PowerPrep™ DNA Extraction Kit	100	Silica spin column	<ul style="list-style-type: none"> <li>- Cell, tissue, culture</li> <li>- Feces, swab</li> <li>- Plasma, serum, swab, urine, stool, blood and infected samples</li> </ul>	Small
Viral DNA/RNA extraction	E0007	<b>[MFDS approved]</b> PowerPrep™ Viral DNA/RNA Extraction Kit	50	Silica spin column	<ul style="list-style-type: none"> <li>- Cell, tissue, culture</li> <li>- Feces, swab</li> <li>- Plasma, serum, swab, urine, stool, blood and virus-infected samples</li> </ul>	Small
TB extraction	E0104	<b>NEW</b> <b>[MFDS approved]</b> PowerPrep™ TB Extraction Kit	100	Boiling	<ul style="list-style-type: none"> <li>- Sputum</li> <li>- Bronchial wash, bronchoalveolar lavage</li> </ul>	Small

### Food Safety

Application	Cat No	Product	Size	Purification module	Samples	Sample Scale
<ul style="list-style-type: none"> <li>- Gelatin DNA extraction</li> <li>- Halal test</li> </ul>	E0103	PowerPrep™ Gelatin DNA Extraction Kit	50	Silica spin column	<ul style="list-style-type: none"> <li>- Gelatin, gelatin processed food</li> <li>- Marshmallow, hard and soft capsules</li> <li>- Various food and pharmaceutical samples including gelatins</li> </ul>	Small
General purpose of food testing : GMO, animal ID, allergen	E0002	<b>[MFDS approved]</b> PowerPrep™ DNA Extraction from Food and Feed Kit	100	Silica spin column	<ul style="list-style-type: none"> <li>- Plant, tissue, crop</li> <li>- Soybean, corn, kernel</li> <li>- Ground powder, raw material</li> <li>- General processed food : tofu, snack, meat, ready-to eat food etc.</li> <li>- Animal feed</li> </ul>	Small to large
For highly processed food, liquid sample	E0001	PowerPrep™ GMO Extraction Kit	100	Silica resin	Soy sauce, vinegar, oil, sugar, starch, lecithin, cosmetics and medicine etc.	Large
For starch-including sample : rice, seed	E0006	PowerPrep™ GMO Extraction Kit II	100	<ul style="list-style-type: none"> <li>- α-amylase</li> <li>- Silica spin column</li> </ul>	Rice, seed and the samples including starch	Small
Rapid DNA preparation for foodborne bacteria	E0105	<b>NEW</b> PowerPrep™ Quick DNA Extraction Kit	50	Boiling	<ul style="list-style-type: none"> <li>- Enrichment culture of various food samples</li> <li>- Cultured bacteria</li> <li>- Stool</li> </ul>	Small