



HiPer[®] Teaching Kits for Veterinary Applications



This is the Age of DIY (Do It Yourself) Kits

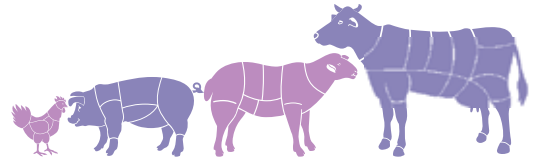
Why HiPer[®] Teaching Kits?

- Joyful learning experience
- Demonstrates scientific concepts in an engaging way
- Makes teaching and learning an unforgettable experience

I See and I Forget, I Hear and I Remember,
I Do and I Understand

Nurturing Human-Animal Bond

For Animals are Precious



HiPer® Molecular Biology Teaching Kits

- HiPer® Multi-Sample DNA Purification Teaching Kit **NEW** (HTBM038)
- HiPer® InstaDNA™ Teaching Kit (HTBM033)
- HiPer® Total RNA Extraction Teaching Kit (HTBM012)
- HiPer® PCR Teaching Kit (HTBM016)
- HiPer® RT-PCR Teaching Kit (HTBM024)
- HiPer® Real-time PCR Teaching Kit (HTBM032)
- HiPer® Agarose Gel Electrophoresis Teaching Kit (HTBM001)

HiPer® Immunology Teaching Kits

- HiPer® Latex Agglutination Teaching Kit (HTI001)
- HiPer® Ouchterlony Double Diffusion Teaching Kit (For Antigen-Antibody Pattern) (HTI002)
- HiPer® Ouchterlony Double Diffusion Teaching Kit (For Antibody Titration) (HTI003)
- HiPer® Radial Immunodiffusion Teaching Kit (HTI004)
- HiPer® Immunoelectrophoresis Teaching Kit (HTI005)
- HiPer® Rocket Immunoelectrophoresis Teaching Kit (HTI006)
- HiPer® Counter Current Immunoelectrophoresis Teaching Kit (HTI007)
- HiPer® Immunohistochemistry (IHC) Teaching Kit **NEW** (HTI023)

HiMedia Introduces HiPer® Teaching Kits For Veterinary Doctors

HiPer® Protein Assay Teaching Kits

- HiPer® SDS-PAGE Teaching Kit (HTP001)
- HiPer® Western Blotting Teaching Kit (HTI009)

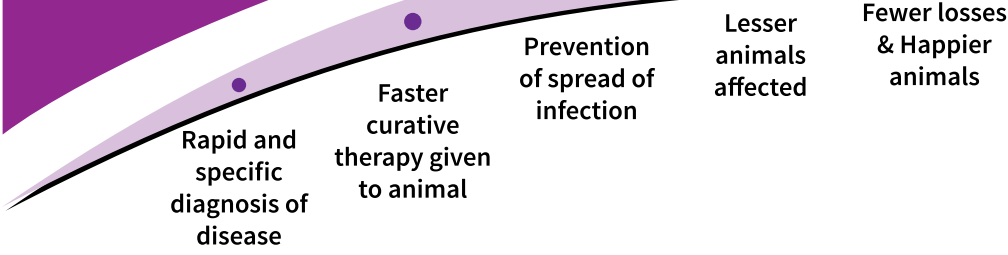
HiPer® Biochemistry Teaching Kits

- HiPer® Carbohydrates Estimation Teaching Kit (Qualitative) (HTBC002)
- HiPer® Carbohydrates Estimation Teaching Kit (Quantitative) (HTBC003)
- HiPer® Protein Estimation Teaching Kit (Qualitative) (HTBC004)
- HiPer® Protein Estimation Teaching Kit (Quantitative) (HTBC005)

HiPer® ELISA Teaching Kits

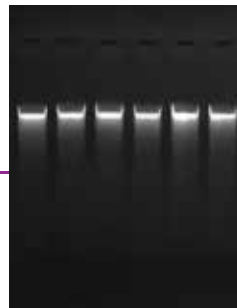
- HiPer® Quantitative Precipitin Assay Teaching Kit (HTI011)
- HiPer® Antigen Capture ELISA Teaching Kit (HTI012)
- HiPer® Antibody Capture ELISA Teaching Kit (HTI013)
- HiPer® Sandwich ELISA Teaching Kit (HTI014)
- HiPer® Dot ELISA Teaching Kit (HTI015)
- HiPer® IgG Purification Teaching Kit (HTI022)

Why PCR based Detection of Animal Disease?



Extraction + PCR Based Detection

Blood Semen Tissue
1 2 3 4 5 6

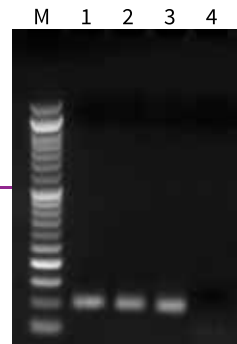


DNA purification using HiPer® Multi-Sample DNA Purification Teaching kit

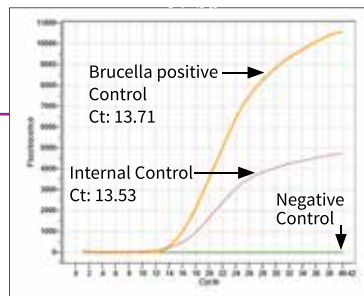
Semi-Q PCR



Detection of IBR by **Semi-Q PCR** method

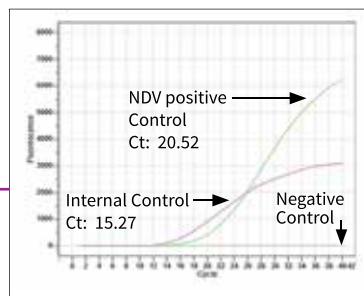


Detection of *Brucella* spp. by **Real-time PCR** method



Real Time PCR

Detection of NDV by **Real-time PCR** method



Extraction Free PCR Based Detection



Blood sample spotted on InstaDNA™ Card **MBT126**



Card punching after sample drying (using **LA1000** InstaDNA™ punch)



3mm size of punch ready for direct PCR using Theileria PCR Kit



PCR in Wee 32® Machine **LA1060**



Detection of *Theileria* from blood sample spotted on the card

1028 bp

PCR kits for Animal Disease Detection

Product Name	Semi-Q Codes	Real-time SYBr Codes	Real-time Probe Based PCR Kits New
Haemorrhagic Septicemia (<i>Pasteurella multocida</i>)	MBPCR109	MBPCR110	MBPCR169
<i>Brucella</i> spps.	MBPCR113	MBPCR121	MBPCR162
<i>Mycoplasma gallisepticum</i>	MBPCR114	MBPCR122	MBPCR167
<i>Theileria</i> spps.	MBPCR115	MBPCR123	MBPCR165
Peste des petits ruminants (PPR)	MBPCR116	MBPCR124	MBPCR168
<i>Babesia bigemina</i>	MBPCR117	MBPCR125	-
Newcastle Disease Virus (NDV)	MBPCR118	MBPCR126	MBPCR166
Animal Capripox	MBPCR119	MBPCR127	MBPCR163
Infectious Bovine Rhinotracheitis (IBR)	MBPCR120	MBPCR128	MBPCR164
<i>Salmonella</i> spps.	MBPCR004	MBPCR024	MBPCR099

Instrumentation and Lab Aids



Insta NX® Mag16 (LA1118)
(Real-time PCR)



Insta Q96® Plus (LA1073)
(Real-time PCR)



Wee32® (LA1060)
(PCR Thermal Cycler)



Insta NX® Mag32 (LA1096)
(Real-time PCR)



Tabspin012
(LA1090)



Electrophoresis Power Supply (LA842) Hi-Eco Mini Horizontal Gel Box (LA844)



PCR Consumables &
Plasticwares



Hi-UV™ Max
Transilluminator (LA1067)



Varivol
Micropipette-
1000 µl (LA614)

µPet™ Autoclavable
Micropipette
(LA959)

Q4Pet Autoclavable
Micropipette
(MBLA009)

HIMEDIA®

For Life is Precious

HiMediaLaboratories™

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