PCRERMI – ERMI Analysis – detects and quantifies 36 species of mold in household dust and delivers a score on the EPA's relative moldiness index

PCR1W - Signature Water Intrusion Panel 1 - nine species of mold commonly associated with water damaged environments:

Acremonium strictum	*Aspergillus fumigatus*	*Chaetomium globosum*	*Penicllium chrysogenum*	*Ulocladium botrytis*
Aspergillus flavus/oryzae	*Aspergillus terreus*	*Penicillium brevicompactum*	*Stachybotrys chartarum*	

PCR2W - Signature Water Intrusion Panel Level 2 - seventeen species of mold commonly associated with water damaged environments:

Acremonium strictum	*Aspergillus niger*	*Aspergillus versicolor*	*Eurotium* species	*Penicillium chrysogenum*	*Ulocladium botrytis*
Aspergillus flavus/oryzae	*Aspergillus ochraceus*	*Chaetomium globosum*	*Paecilomyces variotii*	*Penicillum commune/crustosum/solitum*	*Ulocladium chartarum*
Aspergillus fumigatus	*Aspergillus terreus*	*Cladosporium sphaerospermum*	*Penicillium brevicompactum*	*Stachybotrys chartarum*	

PCR3W - Signature Water Intrusion Panel Level 3 - twenty-five species of mold commonly associated with water damaged environments:

Acremonium strictum	*Aspergillus ochraceus*	*Chaetomium globosum*	*Penicillium brevicompactum*	*Scopulariopsis brevicaulis/fusca*
Alternaria alternata	*Aspergillus sydowii*	*Cladosporium cladosporioides*	*Penicillium chrysogenum*	*Stachybotrys chartarum*
Aspergillus flavus/oryzae	*Aspergillus terreus*	*Cladosporium sphaerospermum*	*Penicillium citrinum*	*Stachybotrys echinata*
Aspergillus fumigatus	*Aspergillus ustus*	*Eurotium* species	*Penicillum commune/crustosum/solitum*	*Ulocladium botrytis*
Aspergillus niger	*Aspergillus versicolor*	*Paecilomyces variotii*	*Penicillium expansum*	*Ulocladium chartarum*

PCR1D - Penicillium/Aspergillus Differentiation Panel Level 1- differentiate between eight commonly encountered species of *Penicillium* and *Aspergillus*:

Aspergillus flavus/oryzae	*Aspergillus niger*	*Eurotium* species	*Penicillium chrysogenum*
Aspergillus fumigatus	*Aspergillus versicolor*	*Penicillium brevicompactum*	*Penicillium commune/crustosum/solitum*

PCR2D - Penicillium/Aspergillus Differentiation Panel Level 2 - differentiate between sixteen species of *Penicillium* and *Aspergillus*:

Aspergillus flavus/oryzae	*Aspergillus ochraceus*	*Aspergillus ustus*	*Penicillium brevicompactum*	*Penicillium commune/crustosum/solitum*	*Penicillium fellutanum*
Aspergillus fumigatus	*Aspergillus sydowii*	*Aspergillus versicolor*	*Penicillium chrysogenum*	*Pen. glabrum/purpurescens/spinulosum*	*Penicllium decumbens*
Aspergillus niger	*Aspergillus terreus*	*Eurotium* species	*Penicillium citrinum*		

PCRP - Penicillium Panel - differentiate between eight commonly encountered species of *Penicillium*:

Penicillium brevicompactum	*Penicillium citrinum*	*Penicillium expansum*	*Penicillium simplicissimum*
Penicillium chrysogenum	*Pen. commune/crustosum/solitum*	*Penicillium fellutanum*	*Pen. glabrum/purpurescens/spinulosum*

PCR1A - Aspergillus Panel Level 1 - differentiate between eight commonly encountered species of *Aspergillus*::

Aspergillus flavus/oryzae	*Aspergillus fumigatus*	*Aspergillus ochraceous*	*Aspergillus niger*	*Aspergillus terreus*	*Aspergillus ustus*	*Aspergillus versicolor*	*Eurotium* species

PCR2A - Aspergillus Panel Level 2 – differentiate between seventeen species of *Aspergillus*, including species that are encountered less frequently:

Aspergillus clavatus	*Aspergillus niger*	*Aspergillus restrictus*	*Aspergillus tamarii*	*Aspergillus ustus*	*Emericella nidulans /quadrilineata*
Aspergillus flavus/oryzae	*Aspergillus ochraceus*	*Aspergillus sclerotiorum*	*Aspergillus terreus*	*Aspergillus versicolor*	*Eurotium* species
Aspergillus fumigatus	*Aspergillus penicillioides*	*Aspergillus sydowii*	*Aspergillus unguis*	*Aspergillus wentii*	

PCRIC - Infection Control Panel - five species of *Aspergillus* most commonly associated with fungal nosocomial infections in transplant patients (*), plus eight species of fungi associated with water-damaged indoor environments and/or with outdoor environments:

Acremonium strictum	*Aspergillus niger**	*Chaetomium globosum*	*Penicillium brevicompactum*	*Stachybotrys chartarum*
*Aspergillus flavus/oryzae**	*Aspergillus terreus**	*Emericella nidulans /quadrilineata**	*Penicillium chrysogenum*	*Ulocladium botrytis*
*Aspergillus fumigatus**	*Aspergillus versicolor*	*Eurotium* species		

PCRC - Customized Panel – make your own panel, choosing from the following 51 probes:

Acremonium strictum	*Aspergillus sydowii*	*Cladosporium herbarum*	*Penicillium citrinum*	*Penicillium variabile*	*Ulocladium chartarum*
Alternaria alternata	*Aspergillus tamari*	*Cladosporium sphaerospermum*	*Penicillium commune/crustosum/solitum*	*Rhizopus stolonifer*	*Wallemia sebi*
Aspergillus clavatus	*Aspergillus terreus*	*Epicoccum purpurescens*	*Penicillium corylophilum*	*Rhizopus & Mucor* species	
Aspergillus flavus/oryzae	*Aspergillus unguis*	*Emericella nidulans /quadrilineata*	*Penicillium decumbens*	*Scopulariopsis brevicaulis/fusca*	
Aspergillus fumigatus	*Aspergillus ustus*	*Eurotium* species	*Penicillium expansum*	*Scopulariopsis chartarum*	
Aspergillus niger	*Aspergillus versicolor*	*Fusarium solani*	*Penicillium fellutanum*	*Stachybotrys chartarum*	
Aspergillus ochraceus	*Aspergillus wentii*	*Paecilomyces lilacinus*	*Penicillium islandicum*	*Stachybotrys echinata*	
Aspergillus penicillioides	*Aureobasidium pullulans*	*Paecilomyces variotii*	*Penicillium purpurogenum*	*Trichoderma viride/koningii*	
Aspergillus restrictus	*Chaetomium globosum*	*Penicillium brevicompactum*	*Penicillium simplicissimum*	*Ulocladium botrytis*	
Aspergillus sclerotiorum	*Cladosporium cladosporioides*	*Penicillium chrysogenum*	*Pen. glabrum/purpurescens/spinulosum*		

NVBP - Non-Viable Bulk Fungal Analysis For PCR Probe – a mycologist analyzes a non-viable bulk sample and recommends a custom PCR panel based on the mold directly observed

PCREX - Sample Received But Not Analyzed – DNA is extracted and stored at -20C for up to 1 year, offering the flexibility to choose future analyses as your project or budget dictates