



2727 Second Ave. Suite 4113
Detroit, MI 48201
Phone: (313) 961-1606; Fax: (313)963-7130
Email: info@DetroitRandD.com
Web: www.DetroitRandD.com

2018-2019 Detroit R & D Product Catalog

www.DetroitRandD.com

ELISA Kits

14,15-DHET/EET : BioTarget Hypertension Kits

14,15-DHET Hypertension ELISA kit, **Cat. # DH 1**, \$299

14,15-EET/DHET kit, **Cat. # DH 2**, \$299

14,15-DHET Human Urine ELISA Test Kit, **Cat. # DH 3**, \$319

14,15-DHET immunoaffinity column for one-step purification **Cat # DH 31**, \$273

11,12-DHET/EET: BioTarget Hypertension Kits

11,12-DHET immunoassay kit, **Cat. # DH 4**, \$299

11,12-EET/DHET kit, **Cat. # DH 5**, \$299

11,12-DHET immunoaffinity column for one-step purification **Cat # DH 32**, \$273

Cell-Based Soluble Epoxide Hydrolase (sEH)

ELISA Kit for Measuring sEH Activity in Biological Samples, **Cat # SH 1**, \$319

20-HETE ELISA Kit: BioTarget Hypertension Kits

20-HETE Hypertension ELISA kit, **Cat. # 20H 1**, \$299

20-HETE immunoaffinity column for one-step purification **Cat # 20H 33**, \$273

20-HETE / β -Glucuronidase ELISA Kit

ELISA Kit for Measuring Glucuronidated 20-HETE, **Cat # 20HG 1**, \$319

Oxidative Stress ELISA Kit

8-isoprostane: *iPF2 α -III*, *8-epi prostaglandin F2 α* , *8-iso prostaglandin F2 α*

8-Isoprostane oxidative stress ELISA kit, **Cat # 8iso1**, \$299

8-Isoprostane immunoassay column for one-step purification **Cat # 8iso33**, \$273

PGE₂ ELISA Kit

PGE₂ ELISA kit, **Cat. # PGE 1**, \$299

PGE₂ immunoassay column for one-step purification **Cat # PGE33**, \$273

Environmental Estrogen ELISA Kit

BPA (Bisphenol A)

BPA ELISA Kit, **Cat # BPA 1**, \$299

BPA immunoassay column for one-step purification **Cat # BPA33**, \$273

Environmental Estrogen ELISA Kit

BPS (Bisphenol S)

BPS ELISA Kit, **Cat # BPA 1**, \$299

BPS immunoassay column for one-step purification **Cat # BPA33**, \$273

Chemotherapy-Induced Cardiotoxicity ELISA Kit

GDF-15 (NAG-1, MIC-1) ELISA Kit, **Cat # GDF15E**, \$299

Prostate Cancer ELISA Kits

NAG-1, MIC-1, GDF-15 ELISA Kit, **Cat # NG 1**, \$385

Lipoxygenase ELISA Kits

12-HETE

20-HETE Hypertension ELISA kit, **Cat. # 12H 1**, \$299

15-HETE

15-HETE Hypertension ELISA kit, **Cat. # 15H 1**, \$299

Purified Eicosanoids

14,15-DHET, **Cat.# DHCHEM1**, 100 µg, \$266

11,12-DHET, **Cat.# DHCHEM4**, 100 µg, \$266

8,9-DHET, **Cat.# DHCHEM5**, 100 µg, \$266

DNA Damage Analysis Kit

Human Real-time PCR DNA Quantitation after QPCR DNA damage analysis kit, **Cat. # DD2H**, \$450

Mouse Real-time PCR DNA Quantitation after QPCR DNA damage analysis kit, **Cat. # DD2M**, \$450

Rat Real-time PCR DNA Quantitation after QPCR DNA damage analysis kit, **Cat. # DD2R**, \$450

Mitochondrial Copy Number Kits

Cat# MCN1 Human mitochondrial copy number PCR-based kit \$239
Cat# MCN2 Rat mitochondrial copy number PCR-based kit \$239
Cat# MCN3 Mouse mitochondrial copy number PCR-based kit \$239

Creatinine Assay Kit

Cat# UCR1 Urinary Creatinine Assay Kit (1-kit) \$59
Cat# UCR5 Urinary Creatinine Assay Kit (5-kits) \$285

Citrate Synthase Enzyme Assay

Cat# CSE1 Citrate Synthase Enzyme Assay Kit (1-kit) \$230

Prostaglandin H synthase (PGHS, also called as cyclooxygenase, COX):

Western blot standard for human PGHS-1 (COX-1), **Cat. # PG CON 1**, \$67

Western blot standard for human PGHS-2 (COX-2), **Cat. # PG CON 2**, \$67

Human PGHS-1 (COX-1) cDNA probe, **Cat. # PG DNA 1**, \$55

Human PGHS-2 (COX-2) cDNA probe, **Cat. # PG DNA 2**, \$55

Human PGHS-1 (COX-1) oligonucleotide probe, **Cat. # PG OLIGO 1**, \$50

Human PGHS-2 (COX-2) oligonucleotide probe, **Cat. # PG OLIGO 2**, \$50

Rat PGHS-1 (COX-1) oligonucleotide probe, **Cat. # PG OLIGO 1**, \$55

Rat PGHS-2 (COX-2) oligonucleotide probe, **Cat. # PG OLIGO 2**, \$55

Human PGHS-1 (COX-1) PCR Primers, **Cat. # PG PCR 1**, \$100

Human PGHS-2 (COX-2) PCR Primers, **Cat. # PG PCR 2**, \$100

Human DNA damage repair-deficient cell line (XPA) expressing human PGHS-2 (COX-2),
Cat. # PG CELL 1, ***Inquire!***

Human DNA damage repair-proficient cell line expressing human PGHS-2 (COX-2),
Cat. # PG CELL 2, ***Inquire!***

Antibodies for Drug-Metabolizing Enzymes

Phase I drug-metabolizing enzyme:

Cytochrome P450

Anti-Cytochrome P450 (CYP) 1A:

Monoclonal anti-P450 1A1 (50 μ L) (Cat. # P1A1PT, \$266) (*Rat, Mouse, Rabbit and Human*)

Sample Size (20 μ L) (Cat. # P1A1PTS, \$133)

Positive control for anti-CYP 1A1 (Cat. # P1A1PT CON, \$74)

Monoclonal anti-P450 1A1/1A2 (50 μ L) (Cat. # P1A12PT, \$266) (*Rat*)

Sample Size (20 μ L) (Cat. # P1A12PTS, \$133)

Positive control for anti-CYP 1A (Cat. # P1A12PT CON, \$74)

Polyclonal Rabbit anti-P450 1A1/1A2 (50 μ L) (Cat. # P1A, \$266) (*Rat, Mouse, Rabbit and Human*)

Sample Size (20 μ L) (Cat. # P1AS, \$133)

Positive control for anti-CYP1A1/1A2 (Cat. # P1A CON, \$74)

Polyclonal Rabbit anti-P450 1A2 (50 μ L) (Cat. # PH1A2, \$266) (*Human*)

Sample Size (20 μ L) (Cat. # PH1A2S, \$133)

Positive control for anti-CYP1A2 (Cat. # PH1A2 CON, \$74)

Anti-Cytochrome P450 (CYP) 1B:

Polyclonal Rabbit anti-P450 1B1 (50 μ L) (Cat. # PH1B1, \$266) (*Human*)

Sample Size (20 μ L) (Cat. # PH1B1S, \$133)

Positive control for anti-CYP 1B1 (Cat. # PH1B1 CON, \$74)

Anti-Cytochrome P450 (CYP) 2A:

Polyclonal anti-P450 2A6 (50 μ L) (Cat. # PH2A6, \$266) (*Human*)

Sample Size (20 μ L) (Cat. # PH2A6S, \$133)

Positive control for anti-CYP2A6 (Cat. # PH2A6 CON, \$74)

Anti-Cytochrome P450 (CYP) 2B:

Monoclonal anti-P450 2B1 (50 μ L) (Cat. # P2B1PT, \$266) (*Rat*)

Sample Size (20 μ L) (Cat. # P2B1PTS, \$133)

Positive control for anti-CYP 2B1 (Cat. # P2B1PT CON, \$74)

Monoclonal anti-P450 2B1 and 2B2 (50 μ L) (Cat. # P2B12PT, \$266) (*Rat*)

Sample Size (20 μ L) (Cat. # P2B12PTS, \$133)

Positive control for anti-CYP 2B (Cat. # P2B12PT CON, \$74)

Anti-Cytochrome P450 (CYP) 2C:

Polyclonal Rabbit anti-P450 2C (50 μ L) (Cat. # P2CR, \$266) (*Rat, Mouse, Rabbit and Human*)

Sample Size (20 μ L) (Cat. # P2CRS, \$133)

Positive control for anti-CYP 2C (Cat. # P2CR CON, \$74)

Polyclonal Rabbit anti-P450 2C8/2C9/2C10 (50 μ L) (Cat. # P2C, \$266) (*Human*)

Sample Size (20 μ L) (Cat. # P2CS, \$133)

Positive control for anti-CYP 2C9/2C10 (Cat. # P2C CON, \$74)

Monoclonal Anti-P450 2C11 (50 μ L) (Cat. # P2C11PT, \$266) (*Rat*)

Sample Size (20 μ L) (Cat. # P2C11PTS, \$133)

Positive control for anti-CYP 2C11 (Cat. # P2C11PT CON, \$74)

Anti-Cytochrome P450 (CYP) 2D:

Polyclonal Rabbit anti-P450 2D (50 μ L) (Cat. # P2D, \$266) (*Rat, Mouse and Rabbit*)

Sample Size (20 μ L) (Cat. # P2DS, \$133)

Positive control for anti-CYP 2D (Cat. # P2D CON, \$74)

Polyclonal Rabbit anti-P450 2D6 (50 μ L) (Cat. # P2D6, \$266) (*Human*)

Sample Size (20 μ L) (Cat. # P2D6S, \$133)

Positive control for anti-CYP 2D6 (Cat. # P2D6 CON, \$74)

Anti-Cytochrome P450 (CYP) 2E:

Polyclonal Rabbit anti-P450 2E1 (50 μ L) (Cat. # P2E1PT, \$266) (*Rat, Mouse, Rabbit and Human*)

Sample Size (20 μ L) (Cat. # P2E1PTS, \$133)

Positive control for anti-CYP 2E1 (Cat. # P2E1PT CON, \$74)

Anti-Cytochrome P450 (CYP) 3A:

Polyclonal Rabbit anti-P450 3A (50 μ L) (Cat. # P3A, \$266) (*Rat, Mouse, Rabbit and Human*)

Sample Size (20 μ L) (Cat. # P3AS, \$133)

Positive control for anti-CYP 3A (Cat. # P3AR CON, \$74)

Monoclonal anti-P450 3A2 (50 μ L) (Cat. # P3A2PT, \$266) (*Rat*)

Sample Size (20 μ L) (Cat. # P3A2PTS, \$133)

Positive control for anti-CYP 3A2 (Cat. # P3A2PT CON, \$74)

Polyclonal Rabbit anti-P450 3A23 (50 μ L) (Cat. # P3A23R, \$266) (*Rat*)

Sample Size (20 μ L) (Cat. # P3A23RS, \$133)

Positive control for anti-CYP 3A23 (Cat. # P3A23R CON, \$74)

Anti-Cytochrome b₅:

Polyclonal anti-Cytochrome b₅ (50 μ L) (Cat. # Cb5, \$266) (*Rat, Mouse, Rabbit and Human*)

Sample Size (20 μ L) (Cat. # Cb5S, \$133)

Positive control for anti-CYP b₅ (Cat. # Cb5 CON, \$74)

Flavin Monooxygenases (FMO)

Anti-FMO1:

Polyclonal Rabbit anti-FMO1 (50 μ L) (Cat. # DRD28988, \$266) (*Human*)

Sample Size (20 μ L) (Cat. # DRD28988S, \$133)

Positive control for anti-FMO1 (Cat. # DRD28988CON, \$74)

Anti-FMO3:

Polyclonal Rabbit anti-FMO3 (50 μ L) (Cat. # DRD23678, \$266) (*Human, Mouse, Rat*)

Sample Size (20 μ L) (Cat. # DRD23678S, \$133)

Positive control for anti-FMO3 (Cat. # DRD23678CON, \$74)

Anti-FMO5:

Polyclonal Rabbit anti-FMO5 (50 μ L) (Cat. # DRD29986, \$266) (*Human*)

Sample Size (20 μ L) (Cat. # DRD29986S, \$133)

Positive control for anti-FMO3 (Cat. # DRD29986CON, \$74)

Phase II drug-metabolizing enzyme:

Anti-Microsomal epoxide hydrolase (mEH):

Polyclonal Goat anti-mEH (50 μ L) (Cat. # MEH 1, \$266) (*Rat, Mouse, Rabbit and Human*)

Sample Size (20 μ L) (Cat. # MEH1S, \$133)

Positive control for anti-MEH (Cat. # MEH CON, \$74)

Anti-Soluble epoxide hydrolase (sEH):

Polyclonal Rabbit anti-sEH (50 μ L) (Cat. # SEH 1, \$266) (*Rat, Human*)

Sample Size (20 μ L) (Cat. # SEH1S, \$133)

Positive control for anti-MEH (Cat. # SEH CON, \$74)

Anti-Glutathione S-transferase (GST):

Polyclonal Goat anti-GST alpha-form (50 μ L) (Cat. # GST ANTI 1, \$266) (*Human, Mouse, Rabbit and Rat*)

Sample Size (20 μ L) (Cat. # GST ANTI 1S, \$133)

Positive control for anti-GST α forms: rat A1 + A2 (Ya) (Cat. # GSTCON1, \$74)

Positive control for anti-GST α forms: rat A3 + A4 (Yc) (Cat. # GSTCON11, \$74)

Polyclonal Goat anti-GST mu-form (50 μ L) (Cat. # GST ANTI 2, \$266) (*Human, Mouse, Rat and Human*)

Sample Size (20 μ L) (Cat. # GST ANTI 2S, \$133)

Positive control for anti-GST μ forms: rat M1 (Yb) (Cat. # GSTCON2, \$74)

Positive control for anti-GST μ forms: rat M2 (Yb2) (Cat. # GSTCON21, \$74)

Polyclonal Goat anti-GST pi-form (50 μ L) (Cat. # GST ANTI 3, \$266) (*Human, Mouse, Rat*)

Sample Size (20 μ L) (Cat. # GST ANTI 3S, \$133)

Positive control for anti-GST π forms: rat P (Cat. # GSTCON3, \$74)

Polyclonal rabbit anti-GST-omega 2 form (50 μ L) (Cat. # DRD28341, \$266) (*Human, Mouse, Rat*)

Sample Size (20 μ L) (Cat. # DRD28341S, \$133)

Polyclonal rabbit anti-GST-theta 1 form (50 μ L) (Cat. # DRD29845, \$266) (*Human, Mouse, Rat*)

Sample Size (20 μ L) (Cat. # DRD29845S, \$133)

Polyclonal rabbit anti-GST-theta 1/4 form (50 μ L) (Cat. # DRD93449, \$266) (*Human*)

Sample Size (20 μ L) (Cat. # DRD93449S, \$133)

Polyclonal rabbit anti-GST-zeta form (50 μ L) (Cat. # DRD27882, \$266) (*Human, Mouse, Rat*)

Sample Size (20 μ L) (Cat. # DRD27882S, \$133)

Polyclonal rabbit anti-GST-microsomal 1 form (50 μ L) (Cat. # DRD94116, \$266) (*Human*)

Sample Size (20 μ L) (Cat. # DRD94116S, \$133)

Polyclonal rabbit anti-GST-microsomal 2 form (50 μ L) (Cat. # DRD94117, \$266) (*Human*)

Sample Size (20 μ L) (Cat. # DRD94117S, \$133)

Polyclonal rabbit anti-GST-tag (50 μ L) (Cat. # DRD96909, \$266) (*C-, N-, terminal & internal tags*)
Sample Size (20 μ L) (Cat. # DRD96909S, \$133)

UDP glucuronosyltransferases (UGT)

Anti-UGT1A1:

Polyclonal Rabbit anti-UGT1A1 (50 μ L) (Cat. # DRD27947, \$266) (*Human*)
Sample Size (20 μ L) (Cat. # DRD27947S, \$133)
Positive control for anti-UGT1A1 (Cat. # DRD27947CON, \$74)

Anti-UGT1A4:

Polyclonal Rabbit anti-UGT1A4 (50 μ L) (Cat. # DRD27495, \$266) (*Human*)
Sample Size (20 μ L) (Cat. # DRD27495S, \$133)
Positive control for anti-UGT1A4 (Cat. # DRD27495CON, \$74)

Anti-UGT1A9:

Polyclonal Rabbit anti-UGT1A9 (50 μ L) (Cat. # DRD26037, \$266) (*Human*)
Sample Size (20 μ L) (Cat. # DRD26037S, \$133)
Positive control for anti-UGT1A9 (Cat. # DRD26037CON, \$74)

Anti-UGT2B7:

Polyclonal Rabbit anti-UGT2B7 (50 μ L) (Cat. # DRD26173, \$266) (*Human, Mouse, Rat*)
Sample Size (20 μ L) (Cat. # DRD26173S, \$133)
Positive control for anti-UGT2B7 (Cat. # DRD26173CON, \$74)

Anti-UGT2B10:

Polyclonal Rabbit anti-UGT2B10 (50 μ L) (Cat. # DRD29707, \$266) (*Human*)
Sample Size (20 μ L) (Cat. # DRD29707S, \$133)
Positive control for anti-UGT2B10 (Cat. # DRD29707CON, \$74)

Carboxylesterase (CE):

Polyclonal goat Anti-CE (50 μ L) Cat. # CE ANTI 1, \$266 (*Mouse, Rat, Rabbit and Human*)
Sample Size (20 μ L) (Cat. # CE ANTI 1S, \$133)
Positive control for anti-CE, Cat. # CER CON, \$74

Additional Antibody List

8-OH deoxyguanosine polyclonal antibody

Polyclonal goat anti-8OHDG (50 μ L) Cat. # 8OHDG, \$299

Glycosylated-p53 (Ser 149) monoclonal antibody

Monoclonal mouse anti-glycop53 (Ser 149), (50 μ L) Cat. # Gp53, \$440 (*Human*)

Troponin I polyclonal antibody

Polyclonal rabbit anti-Tn I (50 μ L) Cat. # TnI, \$266 (*Human, rat, mouse*)

Polyclonal phospho-Akt (Thr308) Antibody

Polyclonal Rabbit anti- phospho Akt (anti-peptide) (50 μ L)
(Cat. # PAKT, \$266), (*Human*)

Monoclonal β -Actin Antibody (loading control)

Monoclonal mouse anti- β -actin antibody (50 μ L)
(Cat. # DRD96930, \$266), (*Human, Mouse, Rat*)

Polyclonal GAPDH Antibody (loading control)

Polyclonal rabbit anti- GAPDH antibody (50 μ L)
(Cat. # DRD96417, \$266), (*Human, Mouse, Rat*)

Polyclonal GDF-15 / NAG-1/ MIC1 Antibody

Polyclonal Goat anti-Human **GDF-15** (50 μ L) (Cat. # GDF15, \$266) (*Human*)
Sample Size (20 μ L) (Cat. # GDF15S, \$133)
Positive control for anti-GDF-15 (Cat. # GDF15 CON, \$74)

GloBrite Chemiluminescent Reagent Kit for Western Blotting

Cat # GLB1	200 mL size	\$99.00	
Cat # GLB2	500 mL size	\$209.00	
Cat# GLB1 PLUS	GloBrite Kit GLB1 with secondary HRP conjugated antibodies		\$112
Cat# GLB2 PLUS	GloBrite Kit GLB2 with secondary HRP conjugated antibodies		\$234

Efficiency Box Western Blot Secondary Antibodies

Cat # EB1 (81 vials) \$118

1. **Anti-Mouse IgG Conjugated to HRP**
27 vials containing 5 μ L

Refills available:
EB2 27 vials anti-mouse IgG-HRP \$44

2. **Anti-Rabbit IgG Conjugated to HRP**
27 vials containing 5 μ L

EB3 27 vials anti-rabbit IgG-HRP \$44

3. **Anti-Goat IgG Conjugated to HRP**
27 vials containing 5 μ L

EB4 27 vials anti-goat IgG-HRP \$44