

DCI Laboratory Common Terminology

November 2005

A

ABA card
ABI PRISM R
ACE-V
abrasion marks
absorption - elution
absorption/elution
absorption - inhibition
accidental characteristics
accidental discharge
acetaldehyde
acetaminophen
acetate buffer
acetic acid
acetone
acid phosphatase (AP)
acrylamide gel
actinic light
AxSYM
adenine
AFIS
agglutinate
Alco-sensor
aliquot
alkaloid
allele
alpha-naphthyl phosphate
alpha-naphthylamine
Alternate Light Source (ALS)
amelogenin
amitriptyline
ammonia
ammunition
ampersand
AmpF/STR®
amphetamine
amplification
amylase diffusion
analytical balance
angular joining
angularity
anneal
annular rim
annulus
anode
antibody
antigen
antimony
antiserum
anvil

aperture
apex
Applera Corporation
Applied Biosystems
arcade letter form
Ardrox
ascender
ASCLD
atomic absorption
Automated Fingerprint
Autoradiography
AxSYM
Azo dye
B
BAC (Blood Alcohol)
ball
ball powder
ball terminal
ballistics
ballistite
barbiturate
barium
barrel
Bayes formula
bases, base pair
beaker
bearing surface
Becke line
Beckman Coulter
benzene
benzidine
benzoylecgonine (BE)
Bernoulli drive
bias ply
bifurcation
Biomek 3000 Robot
birefringence
bismuth iodine
bit
blood grouping
blowback
boattail bullet
bolt
boot record
bounce flash
BrAC (Breath Alcohol)
breach
Brenneke
broach
buckshot
buccal swab

buffer
buffered saline
bulletin board
Bunsen burner
butabarbital
butalbital
butanol
butyl chloride
byte
C
caffeine
caliber
calligraphy
camera S.L.R.
Cannabis sativa L.
cannelure
capillary
capillary electrophoresis (CE)
capricious
carbon disulfide
carbon monoxide
carboxyhemoglobin
cartridge
cathode
cellulose acetate
central processing unit
centrifuge
charcoal absorption/elution
charcoal trap
charge-coupled device (CCD)
charted enlargement
chelex
chemiluminescence
chloroform
chlorpheniramine
chlorpromazine
Christmas tree stain
chromatogram
chromatograph
chromosome
chronograph
class characteristics
cleat
cloning
cluster
CMP
CO-oximeter
cobalt thiocyanate
cocaethylene

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cocaine	densitometer	enhanced graphics array (EGA)
cocaine base	deoxyribonucleic acid (DNA)	enlargement, 1:1
cocaine frenzie	DNA IQ™	enzyme
cocaine hydrochloride	depressant	enzyme multiplied
codeine	depth of field	ephedrine
CODIS	dermatoglyphics	epidermis
codon	dermis	epithelial fraction
Coe-flex	derringer	Eppendorf pipet
Cofiler™	desultory	ESDA
collation	dextromethorphan	ether
color graphics array (CGA)	dextropropoxyphene	ethyl acetate
color reversal	di-chroic filters	ethyl alcohol
com port	di-p-tolouyl-l-tartaric acid	extraction
comparison microscope	diacritic	extractor marks
compression marks	diazepam	extrusion marks
Convicted Offender Index	differential extraction	F
cordite	Differex™	F/Stop
core loci	Diffusion	5-FAM
crack	Digital Capture System (DCS)	Fast Blue 2B
crepe	Dille-Koppanyi	FGA
criminalist	dimethylformamide (DMF)	filar micrometer
cross-over	dimethylformamide	file allocation table (FAT)
crystal violet	dimethyl sulfone	Fillip
CSF1PO	dipropyl acetal	film plane
cursive writing	diphenhydramine	fingerprint powder
cuticle	diphenylamine	Finnigan
cyanoacrylate	diphenylcarbazone	firearms identification
1-(1,4-cyclohexadienyl)-2-methylaminopropane (CMP)	Disk Operating System (DOS)	firing pin
cyclohexane	Disodium phosphate	flash (strobe)
cylinder	diskette	flechette
cystolithic hairs	dispersion staining	floppy
cytosine	dithiothreitol (DTT)	Florence test
D	dot blot	fluorescence
D1S80	double action	fluorescence polarization
D3S1358	double-tap	...immunoassay (FPIA)
D5S818	DQA1	fluorescent STR analysis
D7S820	DQ α	flurazepam
D8S1179	Duquenois-Levine	focal length of lens
D13S317	E	forensic lightsource
D16S539	ecgonine	forensic science
D18S51	ecgonine methyl ester	formaldehyde
D21S11	ejector marks	format
DFO (1, 8-Diazfluoren-9-one)	electrophoresis	Fourier transform
Damascus	electropherogram	fracture match
database	Electrostatic Detection Apparatus	fragmentation
datyloscopy	Electrostatic dust print lifter	friction marks
deionized	EMIT	friction ridge
denature	ending ridge	friction ridge skin
		Froehde
		FTA card™

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FTIR

G

Garland letter form
gas chromatograph
gas chromatograph/Fourier
gas chromatograph/mass
gas chromatography/Fourier
gas chromatography/mass
gauge
gel bond film
gene frequency
genes

Genemapper®

GeneScan®

310 Genetic Analyzer

Genotyper®

gentian violet

gigabyte

glucoronide

Glycophorin A

gold chloride

graduated cylinder

grain weight

gram

graphite

graphology

Griess test

gripping tool

groove

guaifenesin

guanine

gunpowder pattern/residues

H

Haemophilus aegyptius
(Hae III)

hallucinogen

hand lens

haptoglobin

harddisk

hardware

Hardy-Weinberg

hashish

heavy petroleum distillate

heel

helium

Hemoglobin G Gammaglobin
(HBGG)

heroin

heterozygous

Hewlett-Packard

hexadecimal

hexane

HLA DQA1

holographic document

homozygous

horizontal

humidity chamber

hybridization

hydrocarbon fuel

hydrochloric acid

hydrocodone

hydromorphone

hypo (fixing agent)

I

IBIS

Identification System

identifiler™

ignition interlock device
(IID)

inhibition

immunoassay (FPIA)

immunoassay technique

immunodiffusion

immuno-electrophoresis

impact

implode

incending

indexing

individual characteristics

inertia

infrared absorption

infrared spectrophotometer

infrared

spectrophotometer(ry)

infrared spectroscopy

injection molding

inked fingerprints

inositol

internal standard

Internal Lane Standard
(ILS)

Intoxilyzer Model 4011A

iodine

iodoplatinate

ionize

Iowa Forensic Casework

Index

ISO-film speed

Italic

Invitrogen

J

Joe

Joe 2

Juan Vucetich

K

khat

kilobase

kilobyte

Kreonite paper processor

L

land impressions

laser

latent lift

latent prints

lead azide

lead styphnate

lectin

length polymorphism
(RFLP)

lenses (zoom, telephoto, macro)

leucocrystal violet

lidocaine

lifting tape

light petroleum distillate

liter

locus, loci

Lubaloy

lysergic acid diethylamide
(LSD)

lysis

M

MBD (7-P-
methoxybenzlamino-4-
nitroben-2-oxa-1-3-
diazole)

macroscopic

magna brush

magna powder

magnifying glass

magnum

malalignment

Mallinckrodt

mandrel

mannitol

marijuana

Marquis

mass fragment

mass spectrometer

matrix

Mauser

McCrone Research
Institute

MDA

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Mecke	nitroglycerine	phosphoric acid
mercuric sulfate	nitroprusside	photographic paper
medium petroleum	nortriptyline	photomicrograph
distillate	11-nor-9-carboxy-delta	photographic enlargement
medullae	noscapine	Physician's Desk Reference
megabyte	O	pica
mescaline	objective	pipet
metabolite	oblique	pistol
methadone	ocular	plasmid
methamphetamine	ogive	platen
methanol	Ohaus	Plexor™
Methylate	oligonucleotide	point of identification
3,4-methylenedioxyamphetamine	opium	polarizing microscope
methylene chloride	over exposed	Polymarker
Mettler	over powder wad	polymerase chain reaction
Microcon™	over shot wad	(PCR)
microcrystalline test	oxyhemoglobin	polymorphism
microgram	P	POP-4™
micrometer	P-30	PopStats
microscope	painting with light	positives (for slides)
microscopic	Papaver Somniferum	posterior odds
microscopy	Papaverine	potassium bromide
microtiter plate	para-dimethylaminobenzaldehyde	PowerPlex 16™
milligrams	parabellum	precipitate
milliliter	parallel port	precipitin test
minutia	partition table	primer
mirror image backup	patent prints	prior odds
mitochondrial DNA	paternity	probability
modulator/demodulator	pellet	probe
(modem)	penetration	procaine
monocular	Penta D	Profiler Plus™
morphine	Penta E	projectile
muzzle	pentacosane	Promega Corporation
N	pentobarbital	propanol
N-desmethyldiazepam	Percodan	propoxyphene
n-triacontane	percussion	propylate
naphthanil diazo blue B	peripheral	prostatic antigen (PA)
narcotic	Perkin-Elmer (aka PE	Proteinase K (Pro K)
National Research Council	Biosystems)	pseudoephedrine
Report II (NRC II)	Permout	psilocin
Ned	pethidine	psilocybin
negatives (for prints)	petri dish	pubic combings
Neoprene	pH gradient	pubic hair
neutron activation analysis	phage, bacteriophage	Pyrodex
NIBIN	phenobarbital	Q
nicotine	phenol	qualitative
ninhydrin	phenolphthalein	Quanti-Blot™
nitrates	phenylpropanolamine	Quantifiler™
nitrites	(PPA)	quantitation
nitrocellulose	phosphate buffered saline	quinine
nitrogen	(PBS)	R

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RAM (R6G-Ardrox-MBD)	silencer	thin layer chromatography (TLC)
radial immunodiffusion	silica gel	TH01
radial ply	silver nitrate	thymine
radioimmunoassay (RIA)	sinuosity	tick
reacting mixture	skirted pellet	time exposures
reaction mixture	slack	titer
reagent	slot blots	toolmark identification
Real Time PCR	sodium bicarbonate	Toxi-Lab
refractive index	sodium carbonate	Toxicology
RFLP	sodium hydroxide	TPOX
restriction enzyme	sodium rhodizonate	track
restriction fragment	sodium tungstate	trajectory
reticle	software	transform infrared
retouching	soluble	tread design
revolver	solvent	tremor
Rhodamine 6G (R6G)	Southern blot	trigger pull
ribonucleic acid (RNA)	spatula	trinitrotoluene
ricochet	species	tripod
ridge dot	species determination	triprolidine
rifling	spectrometer	trough
rimfire	spectrometry (GC/MS)	truncated
rocket electrophoresis	spectrophotometer	TWGDAM
root directory	spectroscopy (GC-FTIR)	U
ROX	spectrum	ultrasonic
RUVIS	sperm fraction	ultraviolet (UV)
S	spermatozoa	unallocated space
salicylates	sport shoe	under exposed
salicylic acid	spurious signature	V
saline	stimulant	Vaginal smear slide
saliva	stippling	vaginal swab
scale pattern	Stratagene	validation
scanning electrode microscope	striations	vanillin
scar	stringency	variable number
sear	subdirectory	velocity
secobarbital	sulfuric acid	verification
sector	super glue	vernier caliper
semen	supernatant	virtual graphic array (VGA)
seminal fluid	SWGDM	vitreous humor
separatory funnel	T	volatiles
sequence polymorphism	tandem repeats (VNTR)	volumetric
serial number	Taq polymerase	volumetric flask
serial port	tattooing	vortex
serif	9-tetrahydrocannabinol	vWA
serration	tetrahydrocannabinol (THC)	W
serum	tetramethylbenzidine (TMB)	wad
shoe sole	thebaine	wad cutter
short ridge	thermal cycler	Walker test
short tandem repeat (STR)	<u>Thermus aquaticus</u> (Taq I)	Western Blot
shotshell	Theta correction	wide angle
shutter speed		Wing-Lynch film processor

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X

x-ray fluorescence

xylene

Y

yaw

Y-chromosome

Y-filer™

Z

Zwicker