

Abbreviations

Lf	lactoferrin
Lfs	lactoferrins
STf	serotransferrin
STfs	serotransferrins
OTf	ovotransferrin
BLf	buffalo lactoferrin
CLf	bovine lactoferrin
ELf	equine lactoferrin
HLf	human lactoferrin
GLf	goat lactoferrin
MLf	murine lactoferrin
PLf	porcine lactoferrin
ULf	camel lactoferrin
EALf	equine apo lactoferrin
DPLf	diferic porcine lactoferrin
BLf _N	N- lobe of buffalo lactoferrin
CLf _N	N- lobe of bovine lactoferrin
ELf _N	N- lobe of equine lactoferrin
HLf _N	N-lobe of human lactoferrin
GLf _N	N-lobe of goat lactoferrin
MLf _N	N- lobe of murine lactoferrin
PLf _N	N- lobe of porcine lactoferrin
ULf _N	N- lobe of camel lactoferrin
BLf _C	C- lobe of buffalo lactoferrin
CLf _C	C- lobe of bovine lactoferrin
ELf _C	C- lobe of equine lactoferrin
HLf _C	C- lobe of human lactoferrin
GLf _C	C- lobe of goat lactoferrin
MLf _C	C- lobe of murine lactoferrin
PLf _C	C- lobe of porcine lactoferrin
ULf _C	C- lobe of camel lactoferrin
HSTf	human serotransferrin
CSTf	bovine serotransferrin
ESTf	equine serotransferrin
PSTf	porcine serotransferrin
RaSTf	rat serotransferrin
RbSTf	rabbit serotransferrin
XSTf	xenopus serotransferrin
HMTf	human melanotransferrin
HOTf	hen ovotransferrin
BomTf	Bombyx mori transferrin
ManTf	Manduca sexta transferrin

HSTf _C	C- lobe of human serotransferrin
CSTf _C	C- lobe of bovine serotransferrin
ESTf _C	C- lobe of equine serotransferrin
PSTf _C	C- lobe of porcine serotransferrin
RaSTf _C	C- lobe of rat serotransferrin
RbSTf _C	C- lobe of rabbit serotransferrin
XSTf _C	C- lobe of xenopus serotransferrin
HMTf _C	C- lobe of human melanotransferrin
HOTf _C	C- lobe of hen ovotransferrin
BomTf _C	C- lobe of Bombyx mori transferrin
ManTf _C	C- lobe of Manduca sexta transferrin

HSTf _N	N- lobe of human serotransferrin
CSTf _N	N- lobe of bovine serotransferrin
ESTf _N	N- lobe of equine serotransferrin
PSTf _N	N- lobe of porcine serotransferrin
RaSTf _N	N- lobe of rat serotransferrin
RbSTf _N	N- lobe of rabbit serotransferrin
XSTf _N	N- lobe of xenopus serotransferrin
HMTf _N	N- lobe of human melanotransferrin
HOTf _N	N- lobe of hen ovotransferrin
BomTf _N	N- lobe of Bombyx mori transferrin
ManTf _N	N- lobe of Manduca sexta transferrin

Eosgall	Gallus gallus	transferrin
Hlfneutrop	human neutrophil lactoferrin	"
Otfanaspl	Anas platyrhynchos	"
Tfaedaegy	Aedes aegypti	"
Tfbladisc	Blaberus discoidalis	"
Tfdrosilv	Drosophils silvestris	"
Tfoncorho	Oncorhyncus rodurus	"
Tfonckisu	Oncorhyncus kisutch	"
Tfoncmyki	Oncorhyncus mykiss	"
Tfoncnerk	Oncorhyncus nerka	"
Tfonctsha	Oncorhyncus tshawytscha	"
Tforylati	Orynias latipus	"
Tfparoliv	Paralichthys olivaceous	"
Tfsalpluv	Salvelinus pluvius	"
Tfsalsala	Salmo salar	"
Tfsalveli	Salvelinus fontinalis	"
Tfsarpere	Sarcophaga perigrina	"
Tftrichov	Trichosurus vulpecula	"
Tfsaltrut	Salmo trutta	"
Tfmusmus	Mus musculus	"
Tfripclav	Riptortus clavatus	"

N _{Fe} -C _{Apo}	complex of ferric N- lobe and apo C- lobe
N _{Fe} -C _{Fe}	complex of ferric N- and C- lobes

SDS-PAGE

sodium dodecyl sulphate polyacrylamide gel
electrophoresis

DSC

differential scanning calorimetry

MPD

methyl pentane diol