

1. Record Nr.	UNISA990002955530203316
Titolo	Protocols for nucleic acid analysis by nonradioactive probes / edited by Elena Hilario, John Mackay
Pubbl/distr/stampa	Totowa : Humana Press, copyr. 2007
ISBN	1-58829-430-7
Edizione	[2. ed.]
Descrizione fisica	X, 321 p. ; 24 cm
Collana	Methods in molecular biology ; 353
Disciplina	547.79
Soggetti	Acidi nucleici - Analisi
Collocazione	547.79 PRO
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr.	UNINA9910960545603321
Titolo	Selenium in nutrition / / Subcommittee on Selenium, Committee on Animal Nutrition, Board on Agriculture, National Research Council
Pubbl/distr/stampa	Washington, D.C., : National Academy Press, 1983
ISBN	9786610245840 9781280245848 1280245840 9780309567794 0309567793
Edizione	[Rev. ed.]
Descrizione fisica	1 online resource (184 p.)
Disciplina	612/.3924
Soggetti	Selenium in human nutrition Selenium in animal nutrition
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Bibliography: p. 136-174.
Nota di contenuto	Selenium in Nutrition -- Copyright -- Preface -- Contents -- Selenium in Nutrition -- 1 Introduction -- 2 Chemistry -- PROPERTIES OF ELEMENTAL SELENIUM -- CHEMISTRY OF SELENIUM-CONTAINING COMPOUNDS -- METHODS OF ANALYSIS -- 3 Distribution -- GEOLOGICAL DISTRIBUTION -- COMMERCIAL SOURCES -- SELENIUM IN SOILS -- TOXIC SELENIFEROUS SOILS -- NONTOXIC SELENIFEROUS SOILS -- LOW-SELENIUM SOILS -- FORMS OF SELENIUM IN SOILS AND FACTORS AFFECTING AVAILABILITY TO PLANTS -- SOIL MANAGEMENT PRACTICES AND SELENIUM IN PLANTS -- SELENIUM IN PLANTS -- EFFECT OF SPECIES -- SELENIUM AS A PLANT MICRONUTRIENT -- TOXICITY TO PLANTS -- CHEMICAL FORMS -- METABOLISM IN PLANTS -- SELENIUM IN ANIMAL FEEDSTUFFS -- REGIONAL DISTRIBUTION IN CROPS -- VARIABILITY IN CONCENTRATION -- BIOLOGICAL AVAILABILITY -- SELENIUM IN WATER -- DRINKING WATER, SPRINGS, AND WELLS -- RIVERS, LAKES, AND IRRIGATION WATER -- OCEANS -- SELENIUM IN HUMAN FOODS -- DISTRIBUTION BY FOOD GROUPS -- CONCENTRATIONS IN SELENIFEROUS REGIONS -- CONCENTRATIONS IN NONSELENIFEROUS REGIONS -- DAIRY PRODUCTS AND EGGS -- CEREAL

PRODUCTS -- MEAT, POULTRY, AND FISH AND OTHER SEAFOODS --
FRUITS AND VEGETABLES -- BABY FOODS -- DIETARY SELENIUM LEVELS
IN VARIOUS COUNTRIES -- CONTRIBUTIONS OF WATER -- SELENIUM
CYCLING IN NATURE -- 4 Biochemical Functions -- NATURE AND
PROPERTIES OF GLUTATHIONE PEROXIDASE -- GLUTATHIONE
PEROXIDASE ACTIVITY IN ANIMALS -- GLUTATHIONE-S-TRANSFERASE
-- FUNCTION OF GLUTATHIONE PEROXIDASE -- OTHER FUNCTIONS OF
SELENIUM -- NUTRITIONAL AND METABOLIC INTERRELATIONSHIPS -- 5
Metabolism -- DIETARY FORMS -- ABSORPTION -- VASCULAR
TRANSPORT -- BODY RETENTION AND TISSUE DISTRIBUTION --
METABOLISM -- INORGANIC SELENIUM -- ORGANIC SELENIUM --
REDUCTION OF SELENIUM -- PREVIOUS SELENIUM INTAKE -- RUMEN
MICROORGANISMS -- INFLUENCE OF SULFUR -- INFLUENCE OF ARSENIC
-- INFLUENCE OF OTHER ELEMENTS.
EFFECTS OF VITAMIN E -- MISCELLANEOUS FACTORS -- EXCRETION --
6 Nutritional Aspects -- DIETARY REQUIREMENTS OF ANIMALS FOR
SELENIUM -- MEETING SELENIUM REQUIREMENTS FOR ANIMALS --
DEFICIENCY SIGNS IN ANIMALS -- RATS -- MICE -- HAMSTERS --
GUINEA PIGS -- RABBITS -- NONHUMAN PRIMATES -- FISH --
CHICKENS -- TURKEYS -- DUCKS -- JAPANESE QUAIL -- SWINE --
Tolerance to Iron -- Blood Enzymes -- Gross Pathology and
Histopathology -- CATTLE AND SHEEP -- Nutritional Myopathy --
Reproduction and Retained Placenta -- Other Selenium-Related
Diseases -- HORSES -- DOGS -- WILD ANIMALS -- SELENIUM IN
HUMAN NUTRITION -- 7 Effects of Excess Selenium -- SELENIUM
TOXICITY IN LABORATORY ANIMALS -- ACUTE TOXICITY -- CHRONIC
TOXICITY -- SELENIUM TOXICITY IN FARM ANIMALS -- SELENIUM
OVEREXPOSURE IN HUMANS -- 8 Selenium and Human Health -- HIGH
SELENIUM EXPOSURE -- CANCER -- DENTAL CARIES -- REPRODUCTION
-- AMYOTROPHIC LATERAL SCLEROSIS -- CONCLUSIONS -- LOW
SELENIUM EXPOSURE -- CANCER -- CARDIOVASCULAR DISEASE --
REPRODUCTION AND NEONATAL HEALTH -- INFECTIOUS DISEASES --
CYSTIC FIBROSIS -- SELENIUM SUPPLEMENTS -- CONCLUSIONS -- 9
Summary -- References.
